Quantitation Report (Qedit)

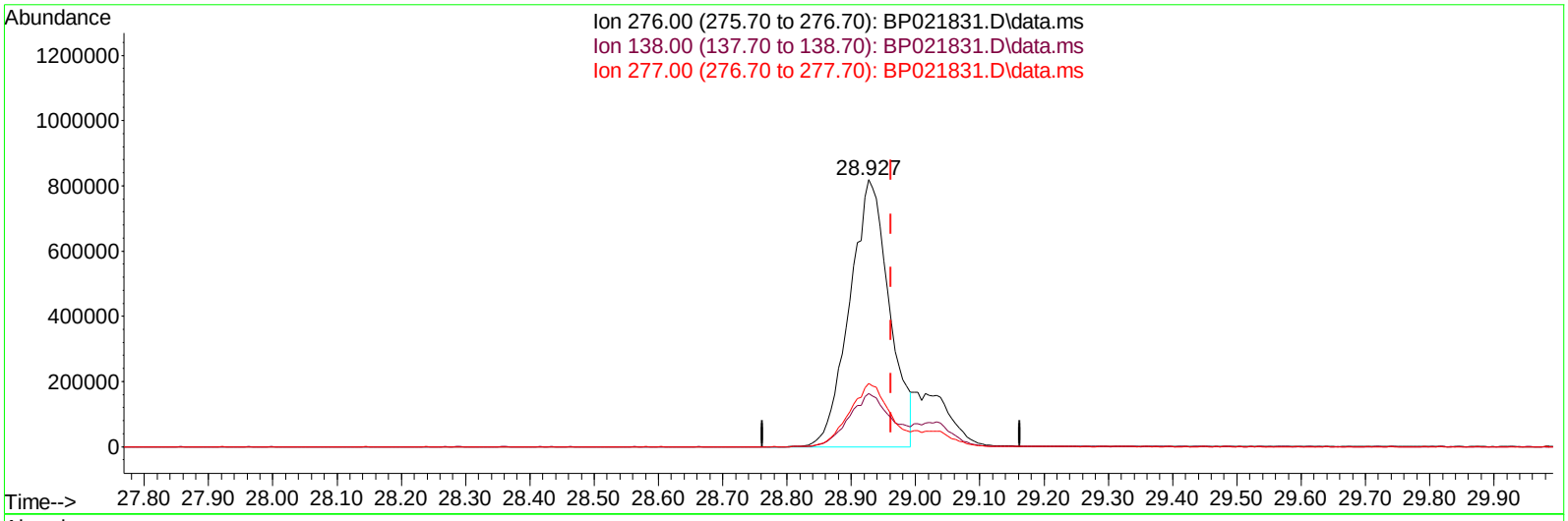
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090424\
Data File : BP021831.D
Acq On : 05 Sep 2024 00:56
Operator : RC/JU
Sample : PB163092BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

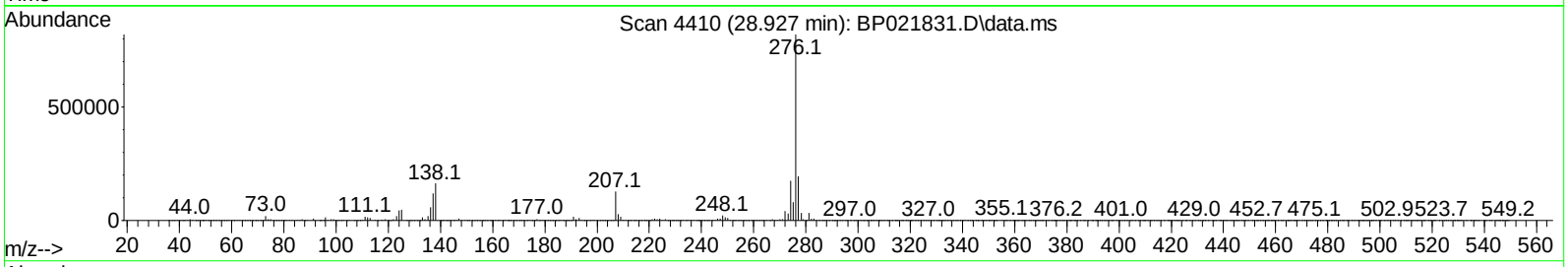
Quant Time: Sep 05 06:11:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 05:03:57 2024
Response via : Initial Calibration

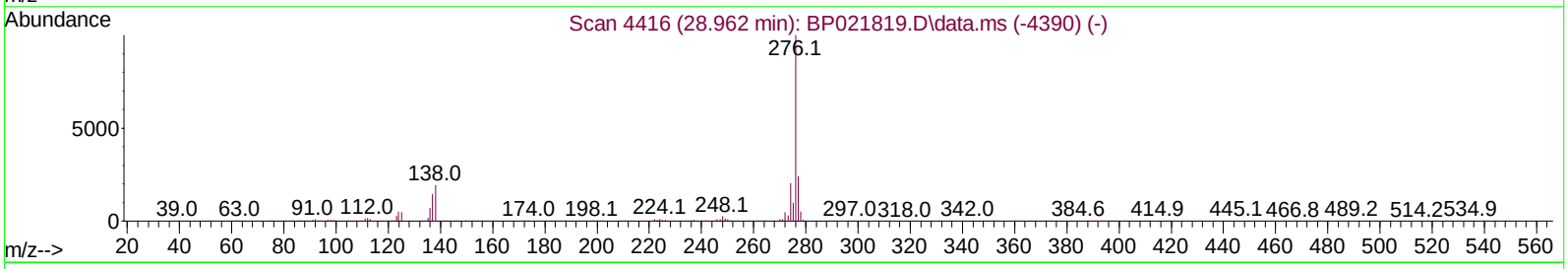
Instrument :
BNA_P
ClientSampleId :
SLCS092

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024







TIC: BP021831.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.927min (-0.035) 21.83 ng/ul

response 3513287

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.93
277.00	23.80	23.77
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 05 Sep 2024 00:56
Operator : RC/JU
Sample : PB163092BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 05 06:11:35 2024
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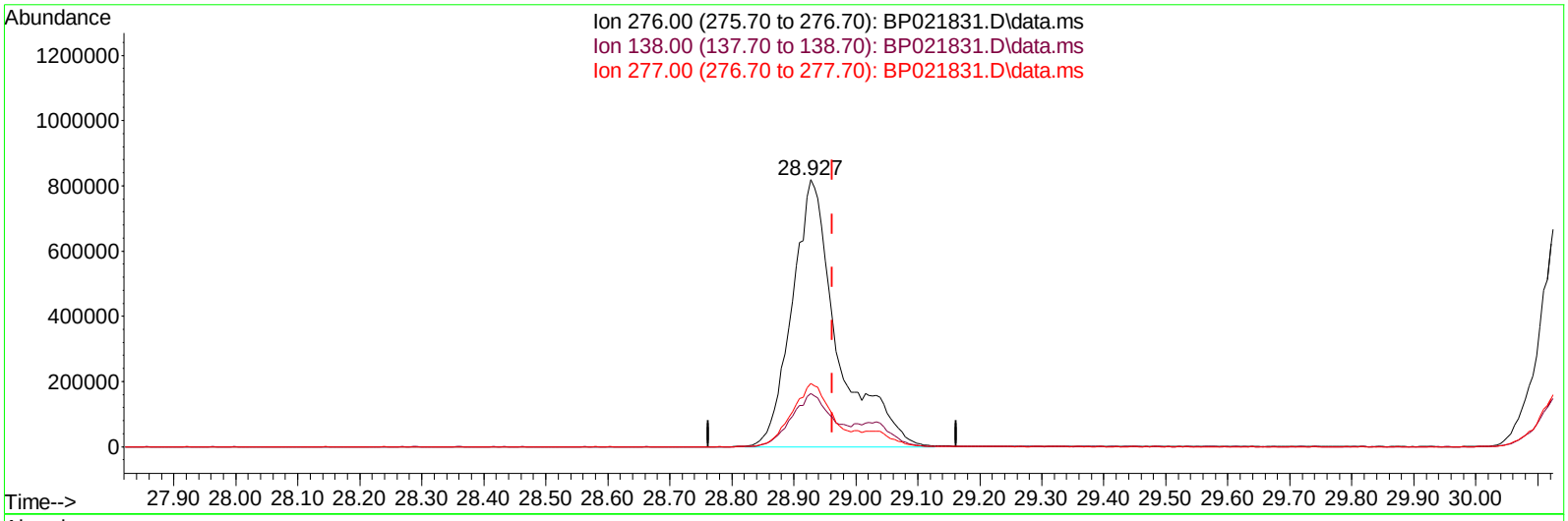

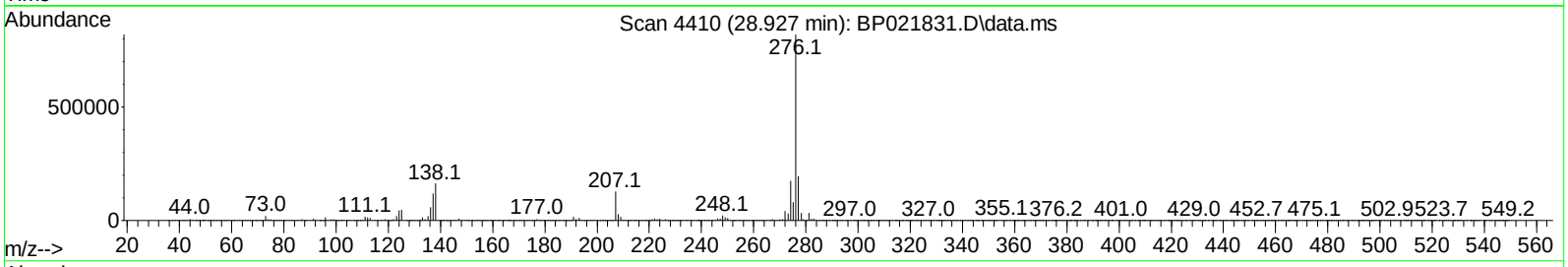

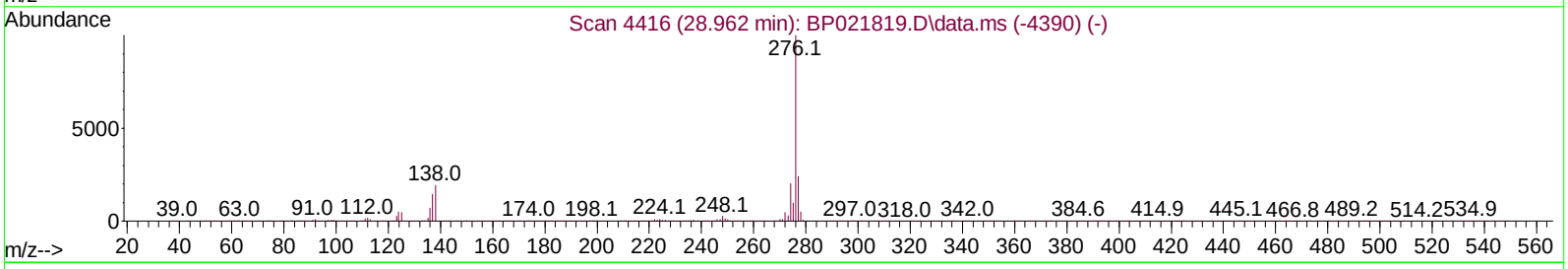

TIC: BP021831.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.927min (-0.035) 25.90 ng/ul m

response 4168230

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.93
277.00	23.80	23.77
0.00	0.00	0.00

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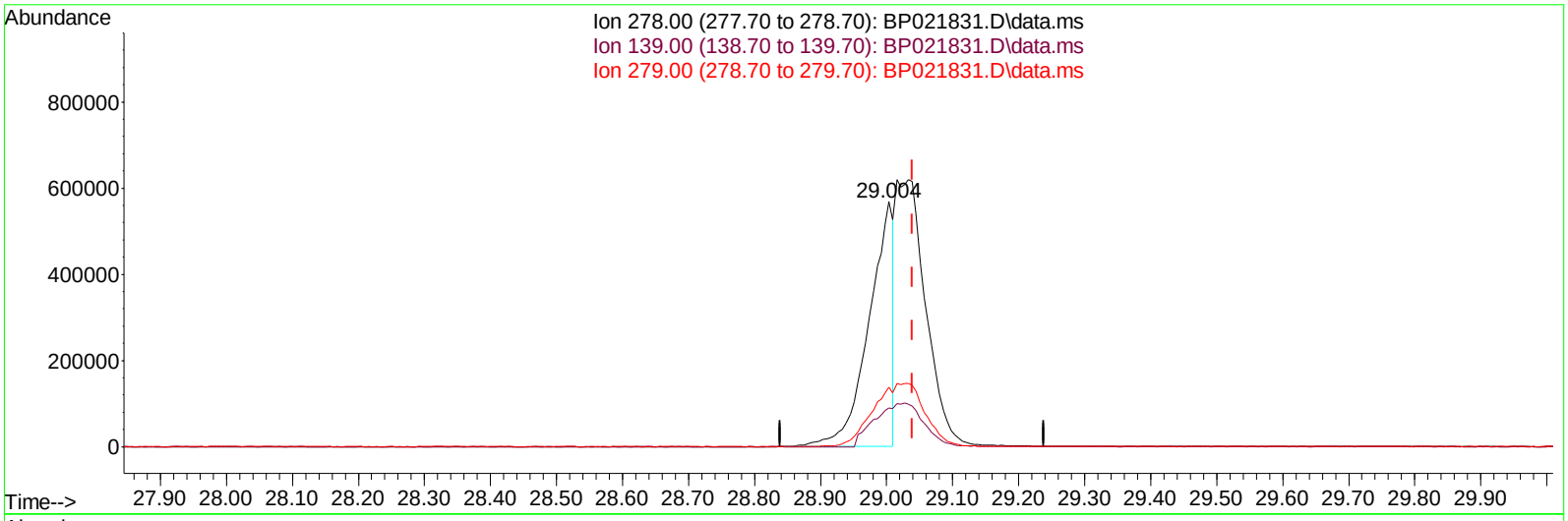

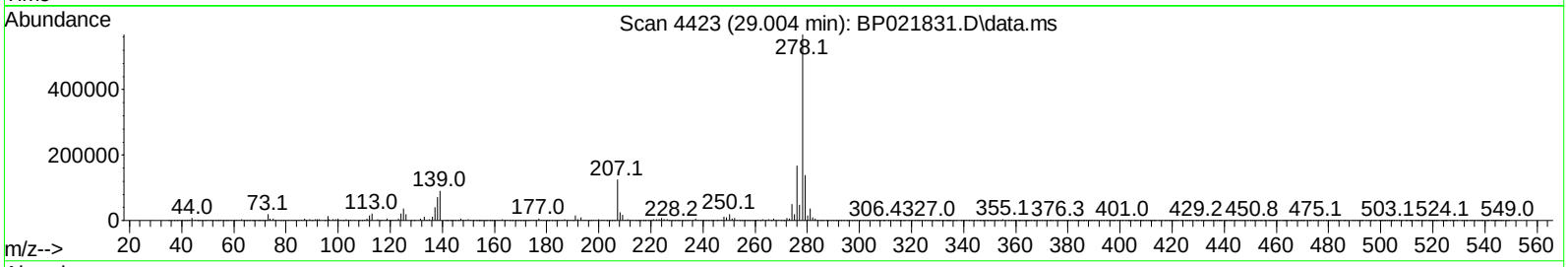

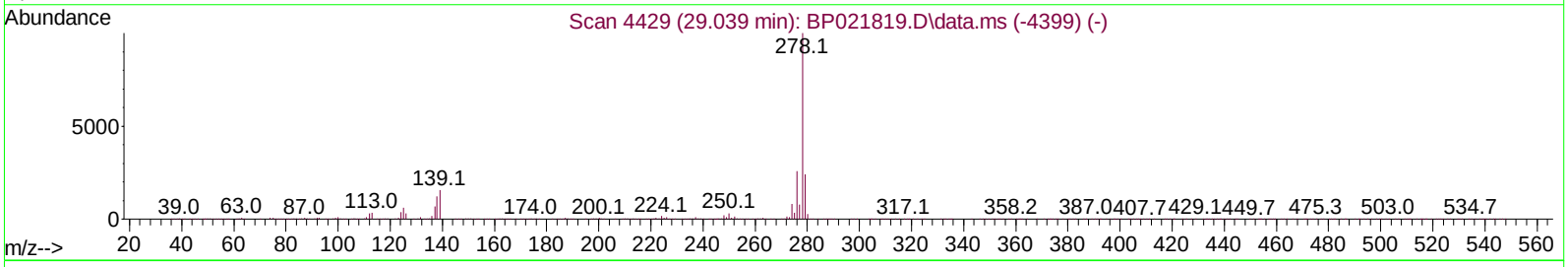

TIC: BP021831.D\data.ms

(95) Dibenzo(a,h)anthracene

29.004min (-0.035) 11.35 ng/ul

response 1467232

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.79
279.00	23.60	24.37
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
Sample : PB163092BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 05 06:11:35 2024
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Quant Title : SVOA CALIBRATION
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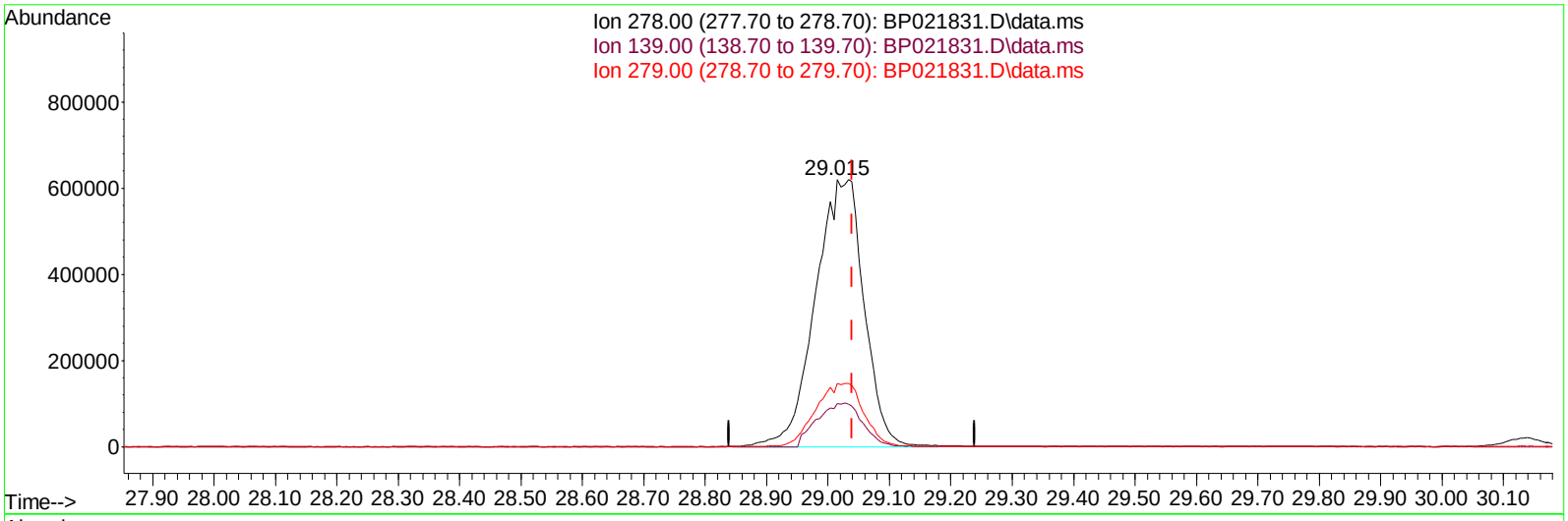

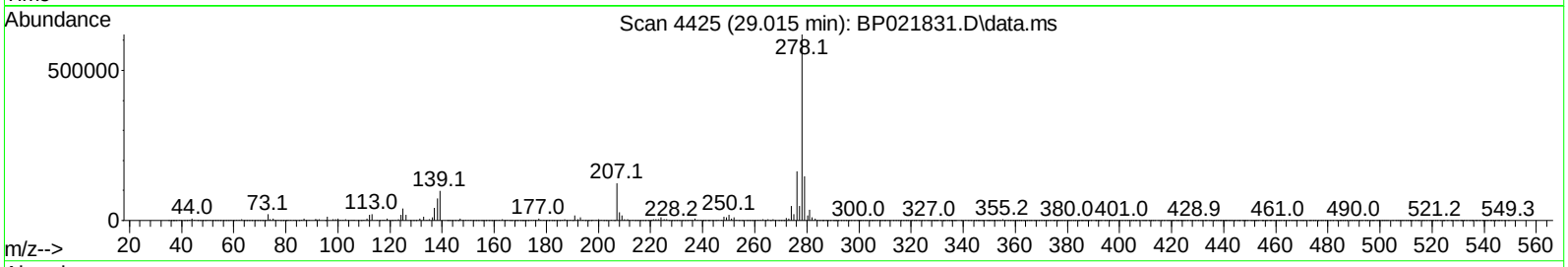

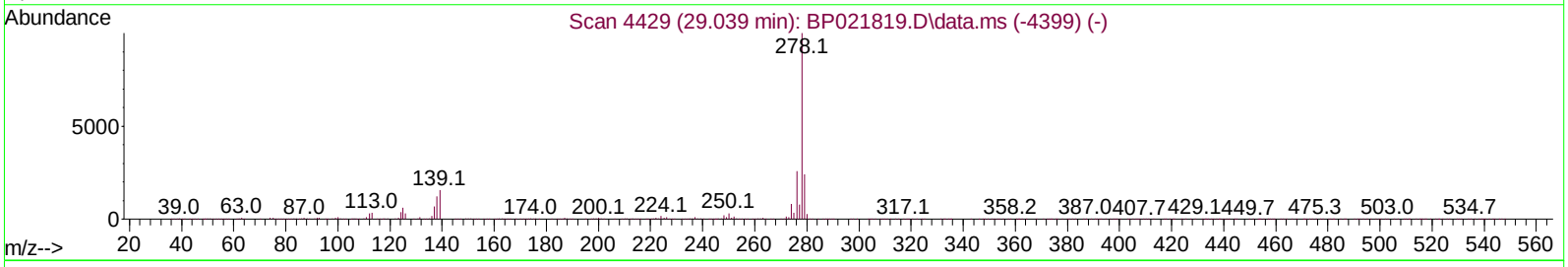

TIC: BP021831.D\data.ms

(95) Dibenzo(a,h)anthracene

29.015min (-0.023) 26.38 ng/ul m

response 3411893

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	16.09
279.00	23.60	23.61
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 05 Sep 2024 00:56
Operator : RC/JU
Sample : PB163092BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 05 06:13:38 2024
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	332308	20.000	ng/ul	0.00
20) Naphthalene-d8	10.557	136	1429912	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.416	164	952042	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2097237	20.000	ng/ul	0.02
79) Chrysene-d12	21.675	240	1979962	20.000	ng/ul	0.00
88) Perylene-d12	25.086	264	2165146	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	54163	5.411	ng/uL	0.00
4) Pyridine-d5	3.681	84	700007	24.179	ng/ul	0.00
7) Phenol-d5	6.946	99	941454	26.547	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.105	67	497965	25.802	ng/ul	0.01
11) 2-Chlorophenol-d4	7.311	132	600546	26.229	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	711511	25.964	ng/ul	0.01
21) Nitrobenzene-d5	8.916	128	309561	26.908	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	323823	27.731	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	605291	26.303	ng/ul	0.00
31) 4-Chloroaniline-d4	10.687	131	754430	22.535	ng/ul	0.00
46) Dimethylphthalate-d6	13.816	166	1923809	26.409	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	2124191	25.972	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	378533	27.312	ng/ul	0.01
60) Fluorene-d10	15.428	176	1609990	26.288	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.551	200	316323	27.423	ng/ul	0.02
73) Anthracene-d10	17.322	188	2444857	24.563	ng/ul	0.00
81) Pyrene-d10	19.704	212	3086706	27.272	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.851	264	3102421	26.872	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	98391	9.249	ng/uL	98
5) Pyridine	3.699	79	703235	24.308	ng/ul	98
6) Benzaldehyde	6.917	77	384348	21.189	ng/ul	99
8) Phenol	6.975	94	969129	26.208	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.199	93	744556	25.903	ng/ul	97
12) 2-Chlorophenol	7.346	128	638650	26.576	ng/ul	99
13) 2-Methylphenol	8.211	108	682998	25.603	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	723969	26.095	ng/ul	99
16) Acetophenone	8.587	105	1137882	25.900	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.575	70	537898	25.944	ng/ul	97
18) 4-Methylphenol	8.534	108	763853	26.155	ng/ul	97
19) Hexachloroethane	8.852	117	280182	26.075	ng/ul	99
22) Nitrobenzene	8.958	77	837294	26.101	ng/ul	98
23) Isophorone	9.493	82	1652158	25.666	ng/ul	100
25) 2-Nitrophenol	9.669	139	355540	27.480	ng/ul	97
26) 2,4-Dimethylphenol	9.734	107	616321	19.409	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.963	93	1036902	25.685	ng/ul	99
29) 2,4-Dichlorophenol	10.205	162	602285	26.046	ng/ul	99
30) Naphthalene	10.605	128	2044940	25.375	ng/ul	100
32) 4-Chloroaniline	10.710	127	705862	20.884	ng/ul	99
33) Hexachlorobutadiene	10.893	225	381732	24.604	ng/ul	98
34) Caprolactam	11.493	113	248175	25.380	ng/ul	96
35) 4-Chloro-3-methylphenol	11.840	107	837752	27.373	ng/ul	98

Quantitation Report (QT Reviewed)

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Misc :
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Quant Title : SVOA CALIBRATION
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ClientSampleId :
SLCS092

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.216	142	1387183	25.448	ng/ul	99
37) 1-Methylnaphthalene	12.440	142	1406491	25.653	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.587	216	747753	24.920	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	329156	19.117	ng/ul	98
41) 2,4,6-Trichlorophenol	12.828	196	439836	22.766	ng/ul	98
42) 2,4,5-Trichlorophenol	12.904	196	508185	24.360	ng/ul	97
43) 1,1'-Biphenyl	13.234	154	1856139	25.769	ng/ul	99
44) 2-Chloronaphthalene	13.275	162	1448058	25.640	ng/ul	99
45) 2-Nitroaniline	13.475	65	504189	28.497	ng/ul	98
47) Dimethylphthalate	13.863	163	1910889	26.197	ng/ul	99
48) 2,6-Dinitrotoluene	13.981	165	389713	28.969	ng/ul	99
50) Acenaphthylene	14.128	152	2378541	27.040	ng/ul	100
51) 3-Nitroaniline	14.316	138	403986	27.481	ng/ul	98
52) Acenaphthene	14.475	153	1565265	25.304	ng/ul	100
53) 2,4-Dinitrophenol	14.522	184	203568	25.276	ng/ul	97
55) 4-Nitrophenol	14.640	109	355930	28.048	ng/ul	93
56) Dibenzofuran	14.822	168	2206685	25.785	ng/ul	99
57) 2,4-Dinitrotoluene	14.781	165	584319	28.905	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.057	232	371285	20.658	ng/ul	97
59) Diethylphthalate	15.251	149	1959507	26.751	ng/ul	98
61) Fluorene	15.481	166	1806992	26.105	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.475	204	894777	25.726	ng/ul	99
63) 4-Nitroaniline	15.498	138	448707	31.582	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.563	198	335306	25.987	ng/ul	95
67) N-Nitrosodiphenylamine	15.693	169	1558627	25.263	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	572618	24.733	ng/ul	94
69) Hexachlorobenzene	16.510	284	679688	24.729	ng/ul	96
70) Atrazine	16.669	200	18148	0.775	ng/ul	92
71) Pentachlorophenol	16.869	266	308972	17.564	ng/ul	99
72) Phenanthrene	17.269	178	3017647	26.209	ng/ul	99
74) Anthracene	17.357	178	2896285	24.830	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.199	216	748917	24.019	ng/uL	98
76) Pentachlorobenzene	14.740	250	742877	22.986	ng/uL	100
77) Carbazole	17.639	167	2796211	26.653	ng/ul	99
78) Di-n-butylphthalate	18.239	149	3504955	27.446	ng/ul	100
80) Fluoranthene	19.357	202	3638610	27.549	ng/ul	99
82) Pyrene	19.733	202	3714717	26.556	ng/ul	98
83) Butylbenzylphthalate	20.675	149	1624632	28.366	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.580	252	1170112	23.451	ng/ul	98
85) Benzo(a)anthracene	21.657	228	3684906	26.163	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.604	149	2406548	28.469	ng/ul	99
87) Chrysene	21.727	228	3476839	26.230	ng/ul	99
89) Di-n-octyl phthalate	22.904	149	4048282	29.538	ng/ul	100
90) Benzo(b)fluoranthene	24.004	252	3768574	27.817	ng/ul	99
91) Benzo(k)fluoranthene	24.069	252	3752012	28.290	ng/ul	99
93) Benzo(a)pyrene	24.921	252	3316292	26.570	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.927	276	4168230m	25.901	ng/ul	
95) Dibenzo(a,h)anthracene	29.015	278	3411893m	26.384	ng/ul	
96) Benzo(g,h,i)perylene	30.139	276	3314162	26.653	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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