Quantitation Report (Qedit)

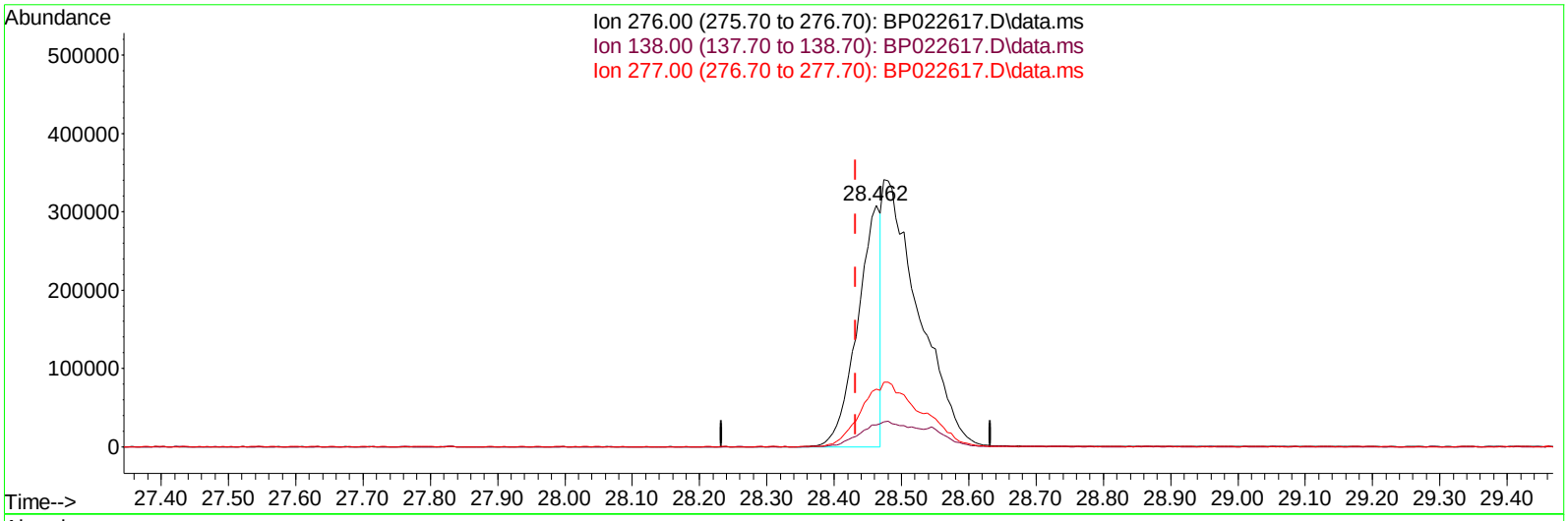
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022617.D
Acq On : 25 Oct 2024 18:38
Operator : RC/JU
Sample : PB164352BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

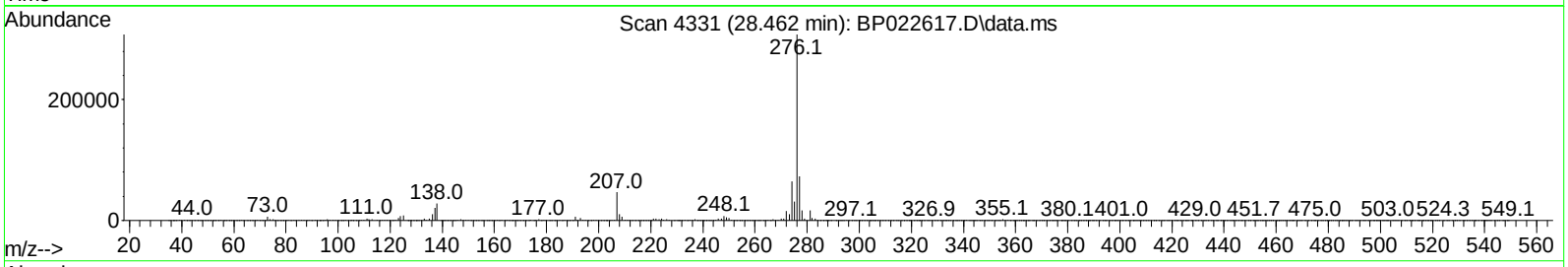
Quant Time: Oct 25 22:56:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

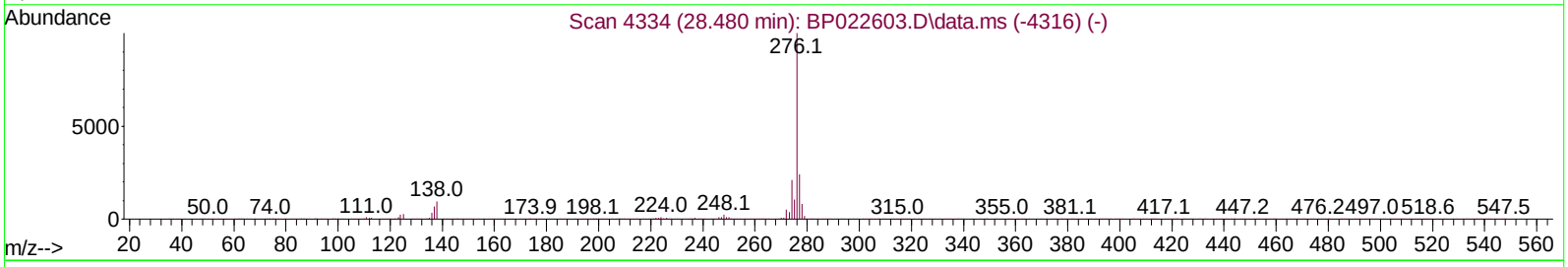
Instrument :
BNA_P
ClientSampleId :
SLCS352

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024







TIC: BP022617.D\data.ms

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

28.462min (+ 0.030) 9.08 ng/ul

response 739006

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.13
277.00	23.20	23.78
0.00	0.00	0.00

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Misc :
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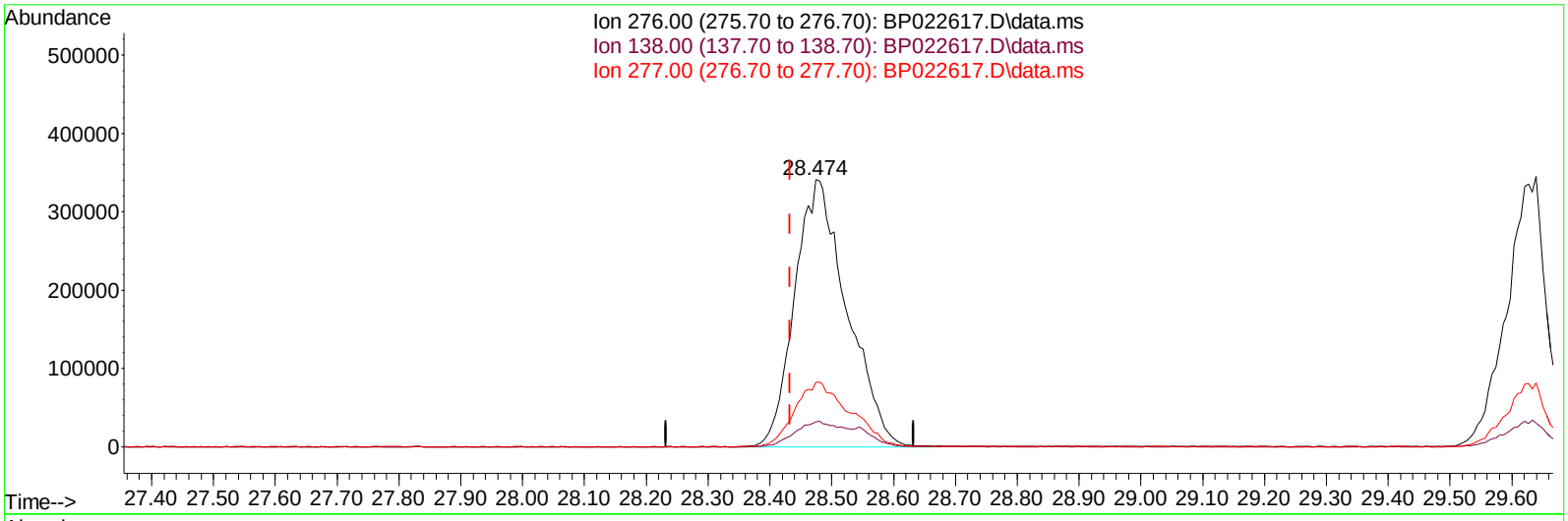

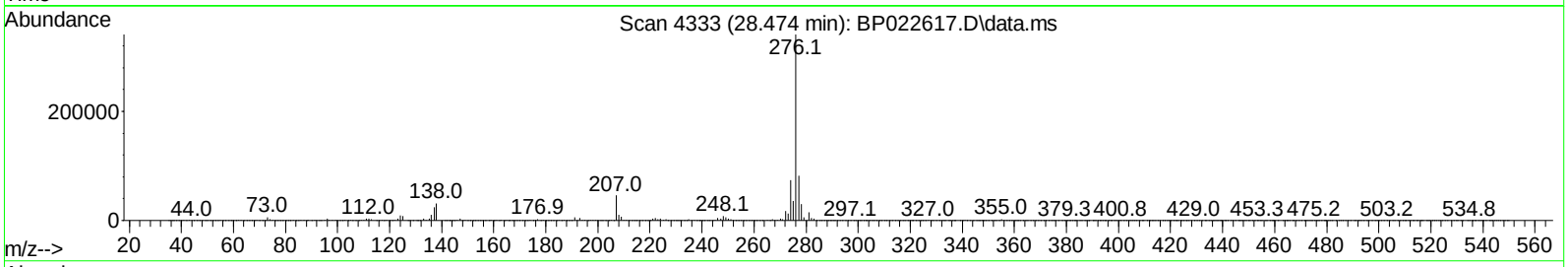

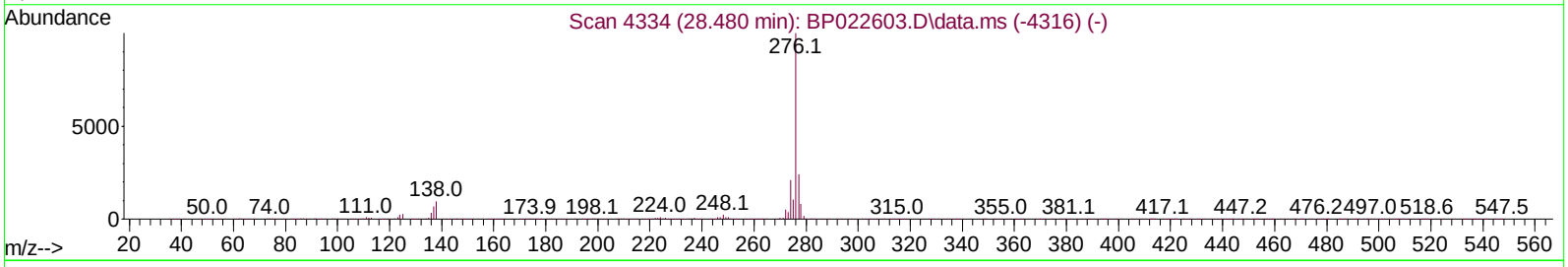

TIC: BP022617.D\data.ms

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

28.474min (+ 0.041) 24.60 ng/ul m

response 2003136

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.27
277.00	23.20	24.21
0.00	0.00	0.00

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Sample : PB164352BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

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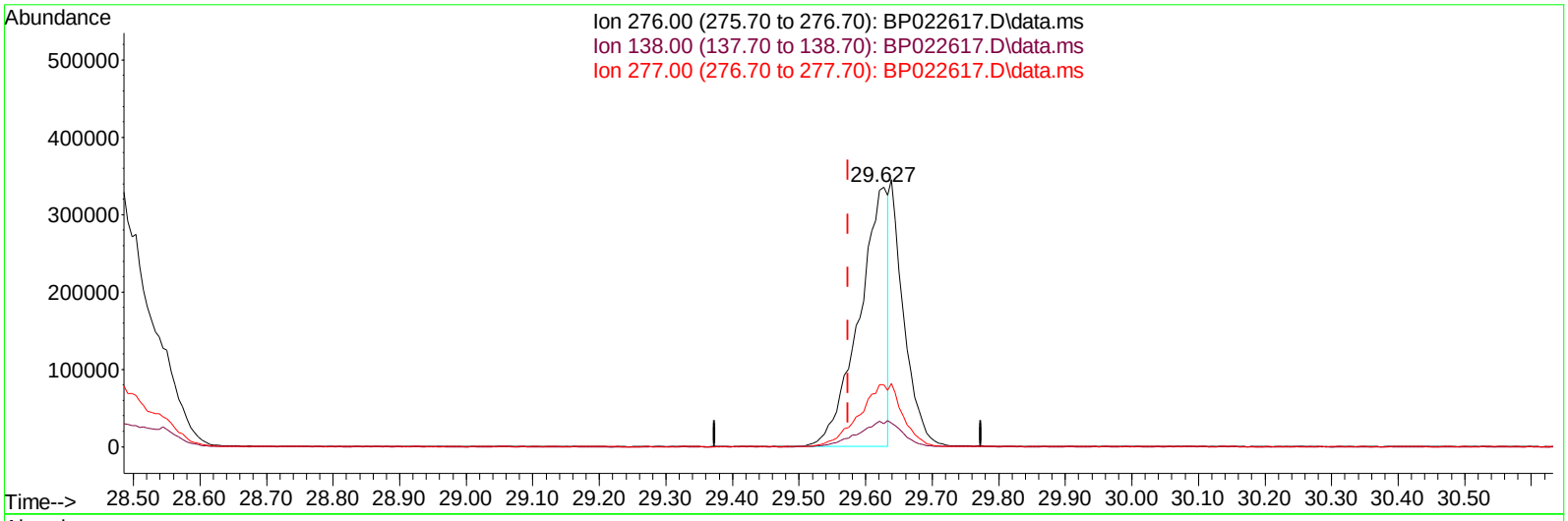

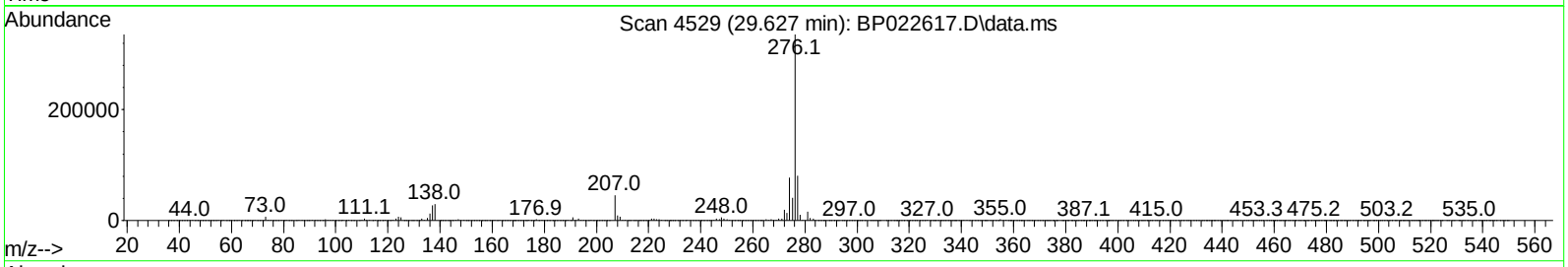

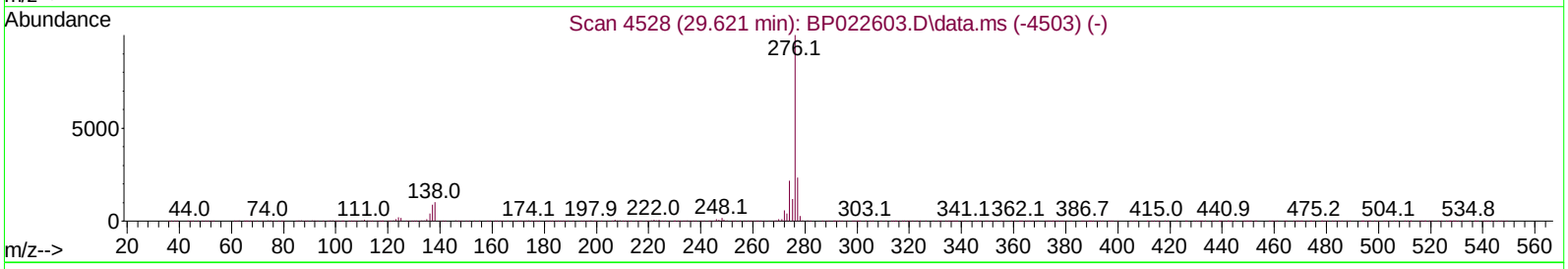

TIC: BP022617.D\data.ms

(96) Benzo(g,h,i)perylene

29.627min (+ 0.053) 16.02 ng/ul

response 1014860

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	8.85
277.00	23.70	23.99
0.00	0.00	0.00

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Operator : RC/JU
Sample : PB164352BS
Misc :
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Quant Title : SVOA CALIBRATION
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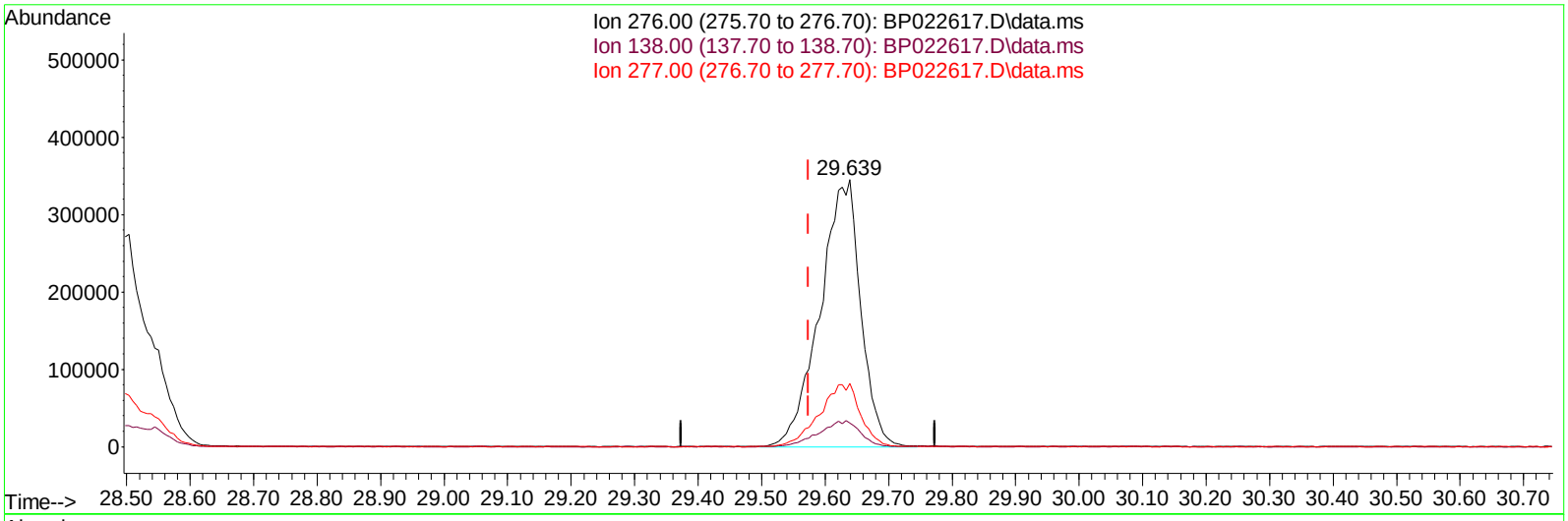

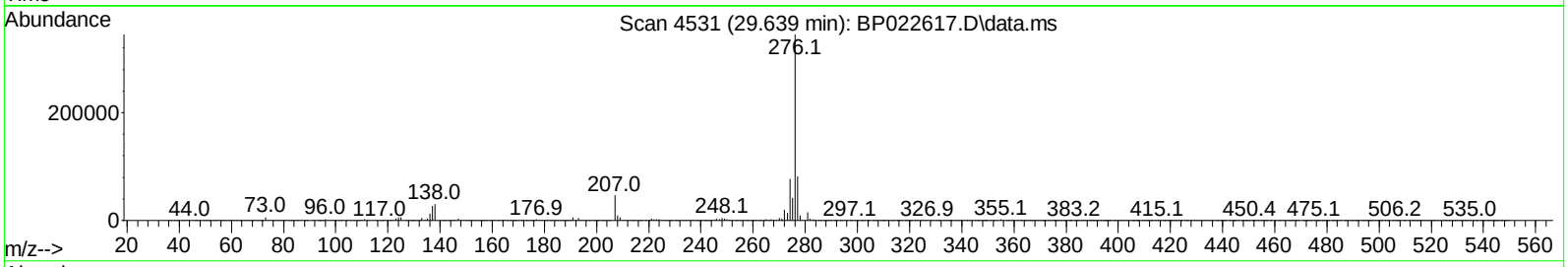

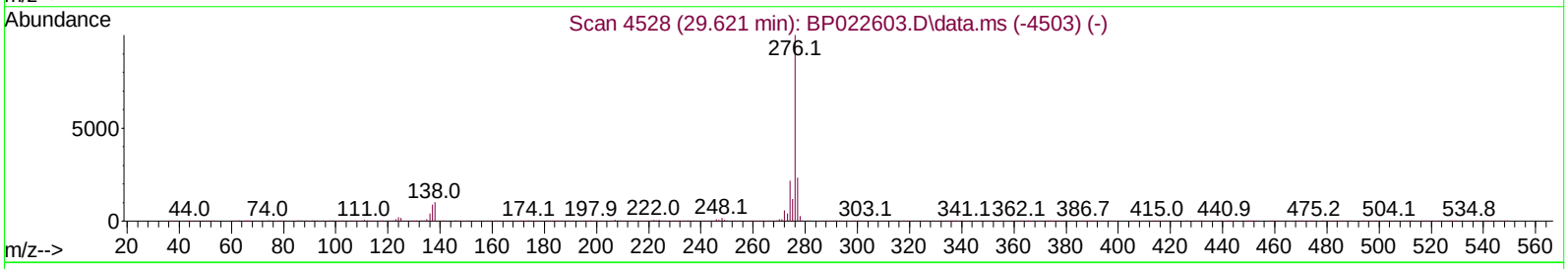

TIC: BP022617.D\data.ms

(96) Benzo(g,h,i)perylene

29.639min (+ 0.065) 24.16 ng/ul m

response 1530060

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	8.84
277.00	23.70	23.63
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 25 Oct 2024 18:38
Operator : RC/JU
Sample : PB164352BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	106464	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	417548	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	330546	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	823292	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	922288	20.000	ng/ul	0.02
88) Perylene-d12	24.780	264	1053239	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	10477	3.824	ng/uL	-0.01
4) Pyridine-d5	3.593	84	167835	22.315	ng/ul	-0.02
7) Phenol-d5	6.846	99	223041	24.888	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	119912	22.766	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.199	132	166803	26.231	ng/ul	0.00
15) 4-Methylphenol-d8	8.352	113	179710	25.127	ng/ul	-0.01
21) Nitrobenzene-d5	8.793	128	81506	25.387	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	98570	26.519	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	206394	26.126	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	213024	22.820	ng/ul	-0.01
46) Dimethylphthalate-d6	13.681	166	629787	23.980	ng/ul	0.00
49) Acenaphthylene-d8	13.963	160	672983	24.127	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	107513	24.402	ng/ul	0.00
60) Fluorene-d10	15.275	176	550332	24.159	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.434	200	128280	23.691	ng/ul	0.02
73) Anthracene-d10	17.180	188	937586	24.208	ng/ul	0.01
81) Pyrene-d10	19.563	212	1225151	25.120	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.551	264	1442569	25.646	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	22634	7.684	ng/uL	94
5) Pyridine	3.617	79	166421	21.580	ng/ul	97
6) Benzaldehyde	6.810	77	25798	5.327	ng/ul	98
8) Phenol	6.875	94	233567	25.050	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.087	93	162956	23.352	ng/ul	97
12) 2-Chlorophenol	7.228	128	170605	25.945	ng/ul	96
13) 2-Methylphenol	8.093	108	172083	25.431	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	182437	22.495	ng/ul	97
16) Acetophenone	8.463	105	274918	23.284	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.446	70	143061	23.915	ng/ul	99
18) 4-Methylphenol	8.416	108	186478	24.842	ng/ul	94
19) Hexachloroethane	8.710	117	73691	24.063	ng/ul	99
22) Nitrobenzene	8.834	77	221271	23.089	ng/ul	97
23) Isophorone	9.357	82	399072	23.226	ng/ul	98
25) 2-Nitrophenol	9.534	139	101379	25.308	ng/ul	96
26) 2,4-Dimethylphenol	9.599	107	202436	23.250	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.828	93	220550	22.606	ng/ul	98
29) 2,4-Dichlorophenol	10.069	162	201377	25.885	ng/ul	98
30) Naphthalene	10.457	128	527828	23.733	ng/ul	98
32) 4-Chloroaniline	10.569	127	133003	14.434	ng/ul	98
33) Hexachlorobutadiene	10.734	225	159262	24.289	ng/ul	97
34) Caprolactam	11.357	113	60399	24.082	ng/ul	91
35) 4-Chloro-3-methylphenol	11.704	107	217453	25.619	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	398148	24.389	ng/ul	96
37) 1-Methylnaphthalene	12.293	142	390707	23.448	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	294089	24.062	ng/ul	96
40) Hexachlorocyclopentadiene	12.416	237	110595	14.852	ng/ul	98
41) 2,4,6-Trichlorophenol	12.693	196	194968	25.360	ng/ul	99
42) 2,4,5-Trichlorophenol	12.769	196	211447	25.830	ng/ul	98
43) 1,1'-Biphenyl	13.087	154	572548	24.031	ng/ul	98
44) 2-Chloronaphthalene	13.128	162	462528	23.715	ng/ul	99
45) 2-Nitroaniline	13.345	65	141960	24.376	ng/ul	96
47) Dimethylphthalate	13.728	163	624062	23.847	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	129846	26.232	ng/ul	95
50) Acenaphthylene	13.998	152	691249	23.878	ng/ul	99
51) 3-Nitroaniline	14.181	138	115871	24.924	ng/ul	99
52) Acenaphthene	14.339	153	494143	24.139	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	87439	24.009	ng/ul	97
55) 4-Nitrophenol	14.510	109	121214	24.788	ng/ul	94
56) Dibenzofuran	14.681	168	743837	24.190	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	202595	26.339	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	196993	25.782	ng/ul	98
59) Diethylphthalate	15.110	149	612088	24.379	ng/ul	99
61) Fluorene	15.339	166	615547	24.568	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	342387	23.896	ng/ul	97
63) 4-Nitroaniline	15.375	138	136314	29.139	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.445	198	137727	23.614	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	519735	23.574	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	245049	24.682	ng/ul	97
69) Hexachlorobenzene	16.369	284	306057	25.044	ng/ul	97
70) Atrazine	16.528	200	235206	25.665	ng/ul	96
71) Pentachlorophenol	16.733	266	198618	25.277	ng/ul	99
72) Phenanthrene	17.128	178	1058210	24.025	ng/ul	99
74) Anthracene	17.216	178	1067160	24.278	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	294409	23.486	ng/uL	96
76) Pentachlorobenzene	14.592	250	319052	23.023	ng/uL	99
77) Carbazole	17.504	167	959915	24.680	ng/ul	99
78) Di-n-butylphthalate	18.086	149	1049915	24.396	ng/ul	100
80) Fluoranthene	19.222	202	1417483	25.281	ng/ul	97
82) Pyrene	19.598	202	1490398	24.801	ng/ul	97
83) Butylbenzylphthalate	20.545	149	526836	25.180	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.416	252	541573	24.633	ng/ul	98
85) Benzo(a)anthracene	21.498	228	1550734	23.984	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	706423	23.522	ng/ul	99
87) Chrysene	21.557	228	1407323	23.475	ng/ul	99
89) Di-n-octyl phthalate	22.657	149	1268870	25.327	ng/ul	100
90) Benzo(b)fluoranthene	23.739	252	1657337	24.998	ng/ul#	99
91) Benzo(k)fluoranthene	23.810	252	1586834	24.447	ng/ul	99
93) Benzo(a)pyrene	24.627	252	1466006	24.026	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.474	276	2003136m	24.601	ng/ul	
95) Dibenzo(a,h)anthracene	28.551	278	1615650	24.504	ng/ul#	98
96) Benzo(g,h,i)perylene	29.639	276	1530060m	24.159	ng/ul	

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

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