Quantitation Report (Qedit)

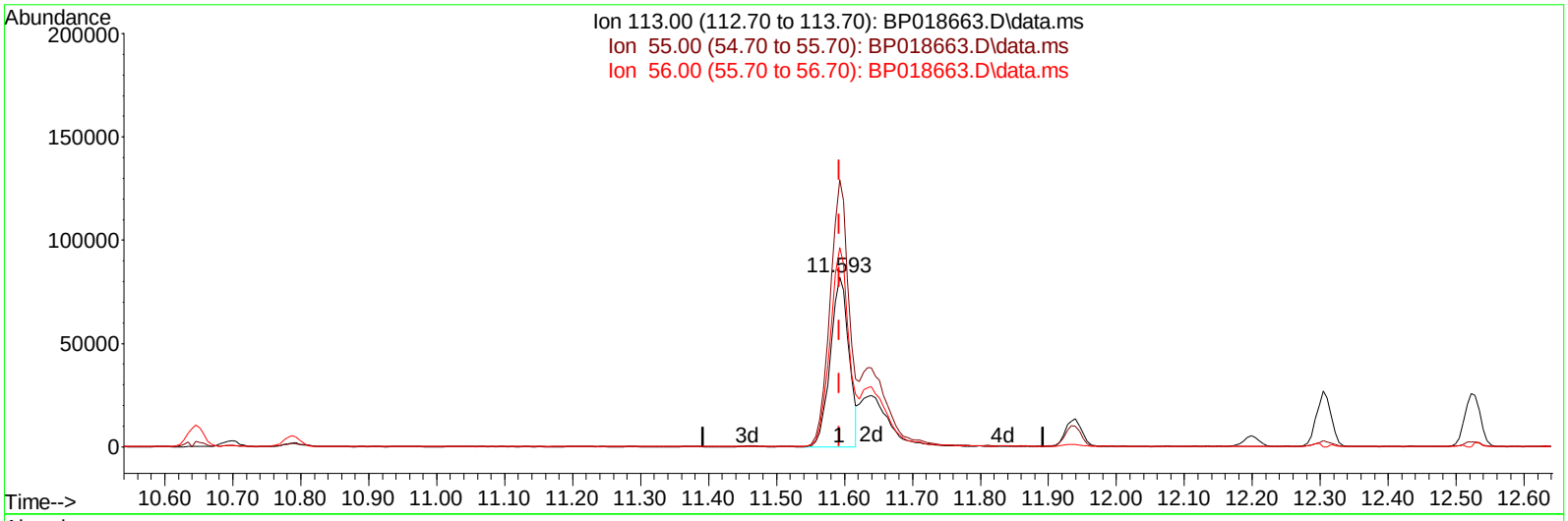
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018663.D
Acq On : 07 Dec 2023 06:29
Operator : MA/JU
Sample : PB157358BS
Misc :
ALS Vial : 100 Sample Multiplier: 1

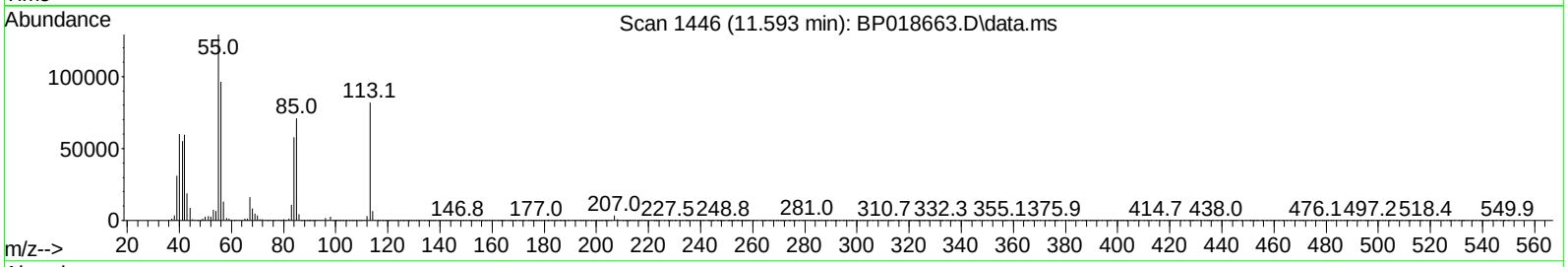
Quant Time: Dec 07 06:56:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

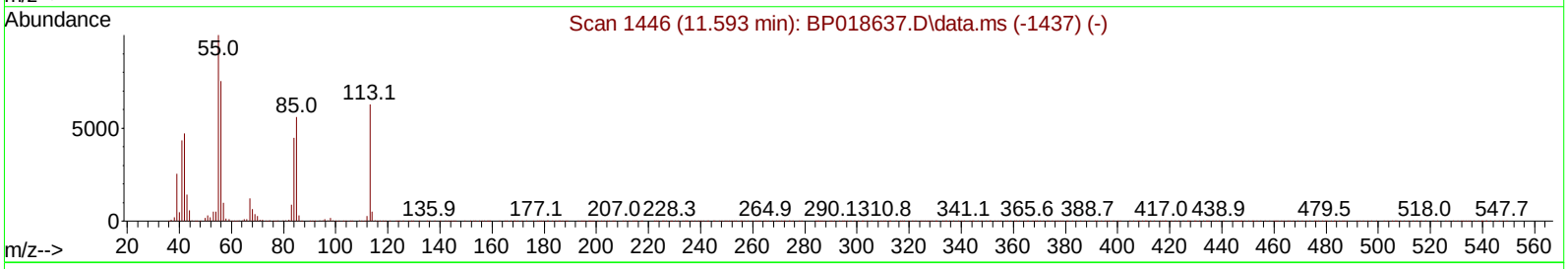
Instrument :
BNA_P
ClientSampleId :
SLCS358

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023







TIC: BP018663.D\data.ms

(34) Caprolactam

11.593min (+ 0.000) 17.50 ng/ul

response 156135

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	157.33
56.00	121.80	117.36
0.00	0.00	0.00

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Misc :
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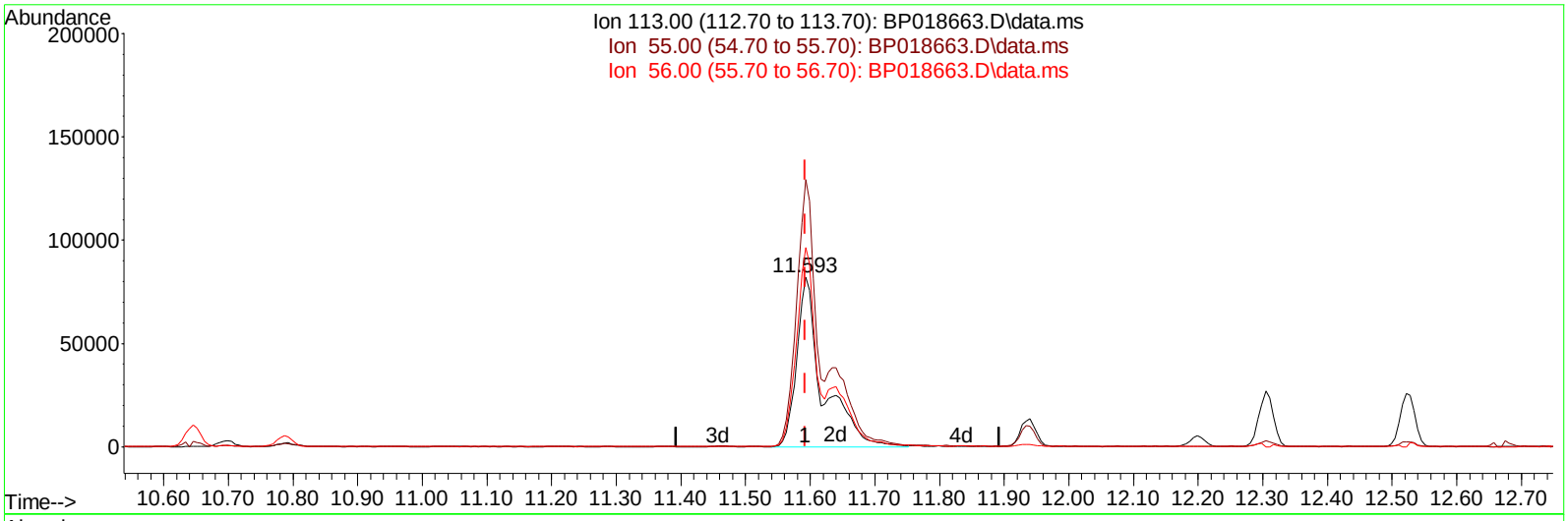

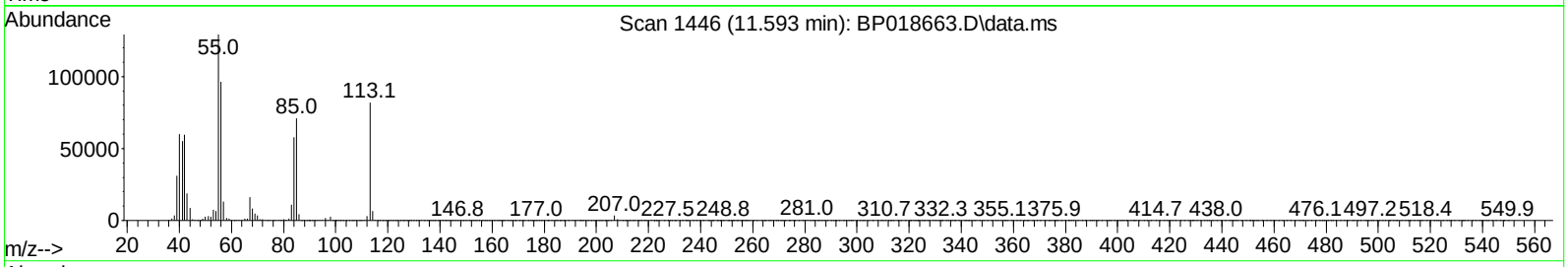

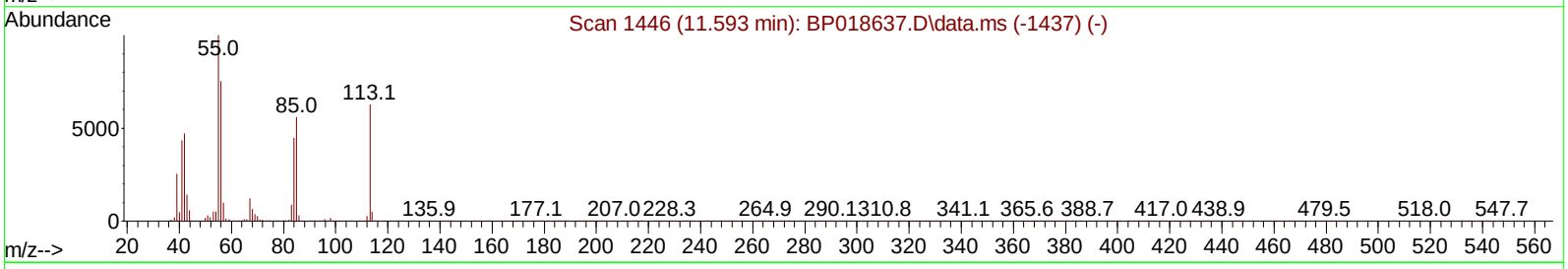

TIC: BP018663.D\data.ms

(34) Caprolactam

11.593min (+ 0.000) 25.74 ng/ul m

response 229731

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	157.33
56.00	121.80	117.36
0.00	0.00	0.00

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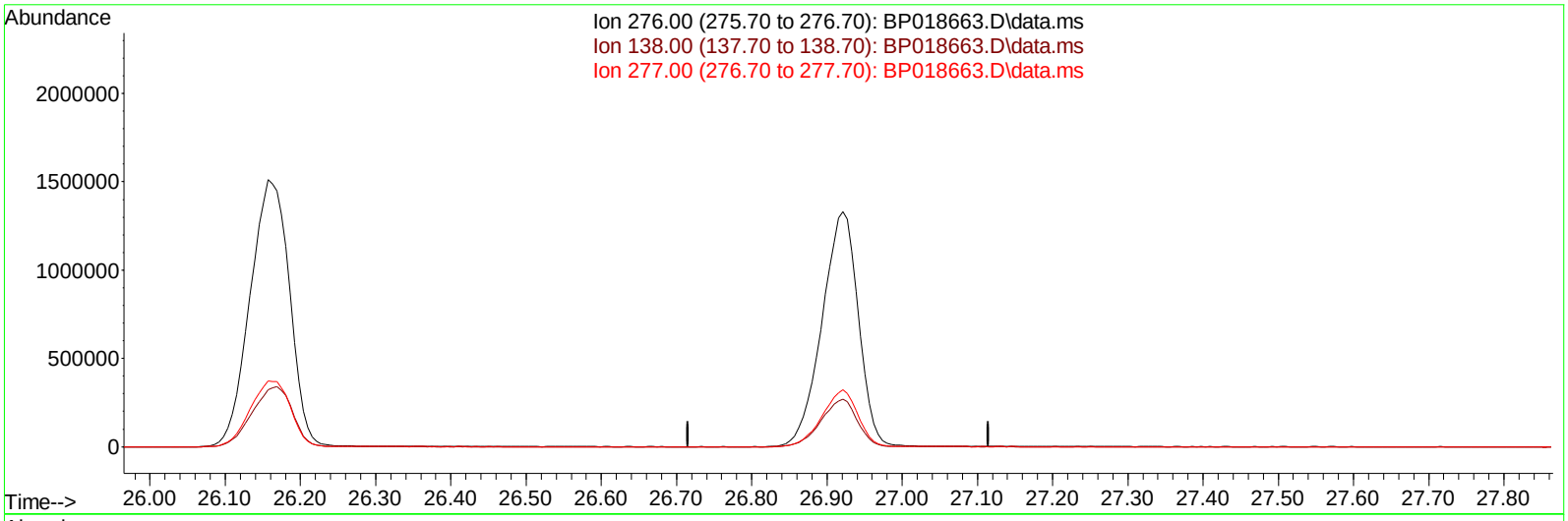

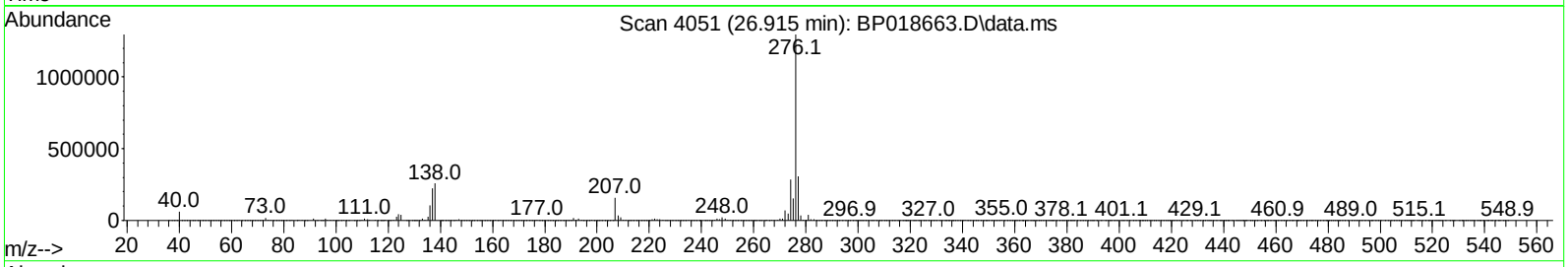

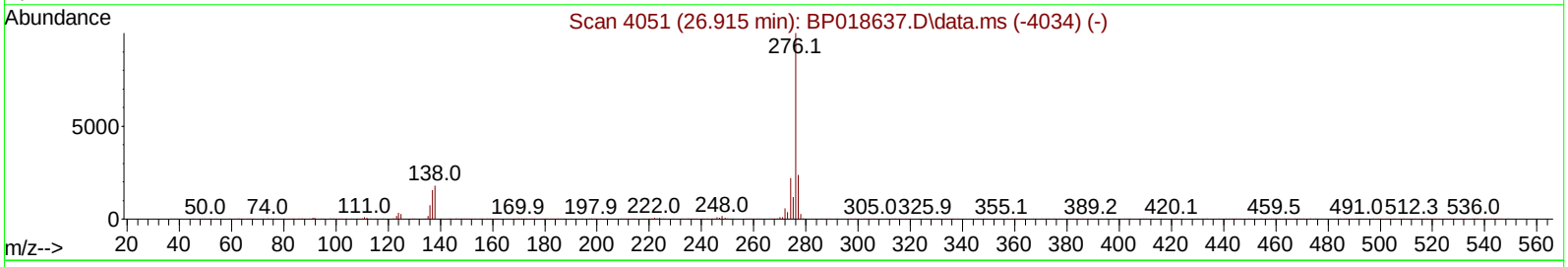

TIC: BP018663.D\data.ms

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

26.915min (-26.915) 0.00 ng/ul

response 0

Ion	Exp%	Act%
276.00	100.00	0.00
138.00	22.60	0.00#
277.00	24.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
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Instrument :
BNA_P
ClientSampleId :
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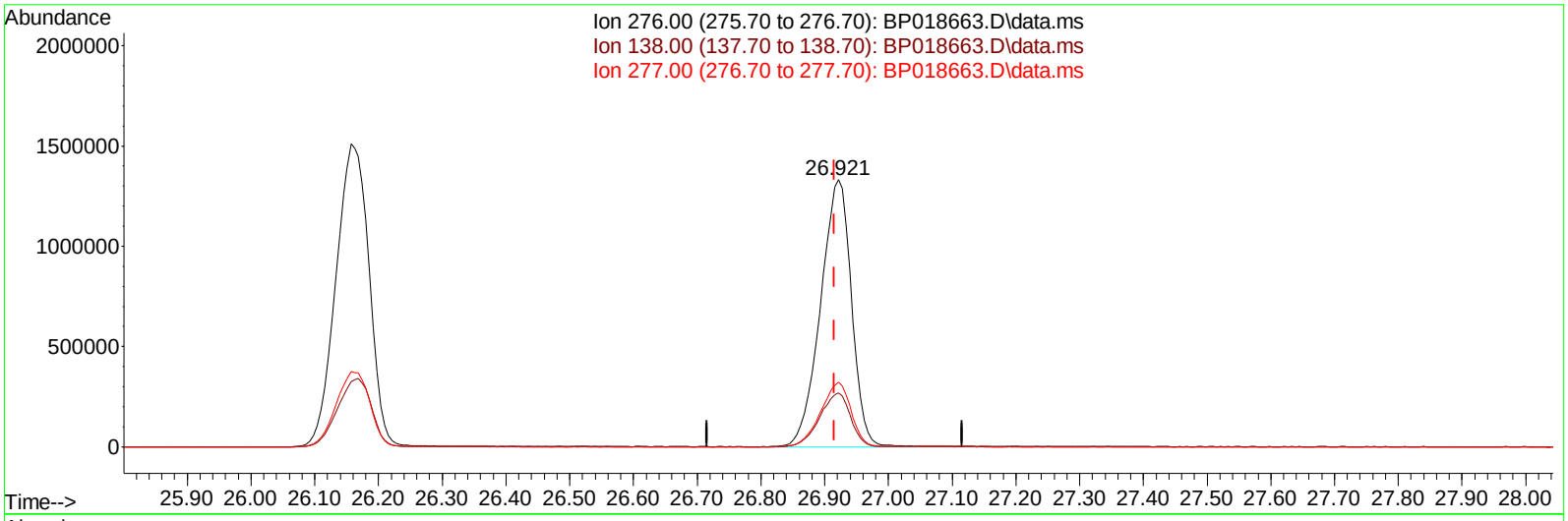

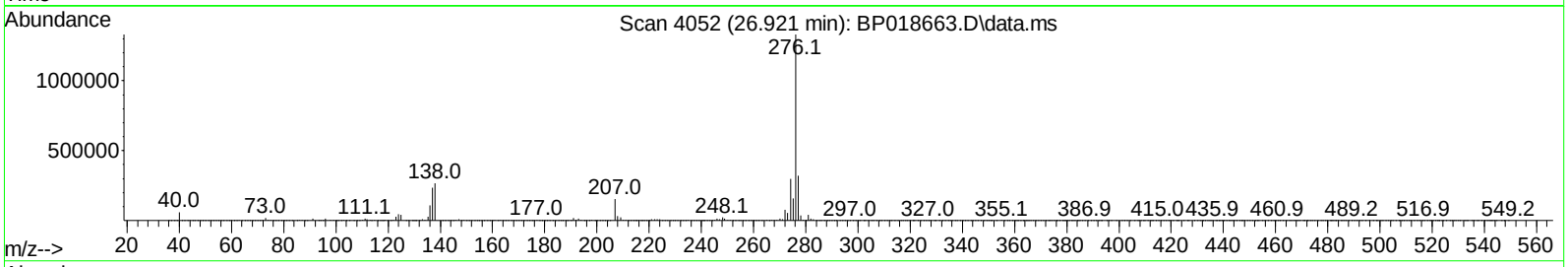

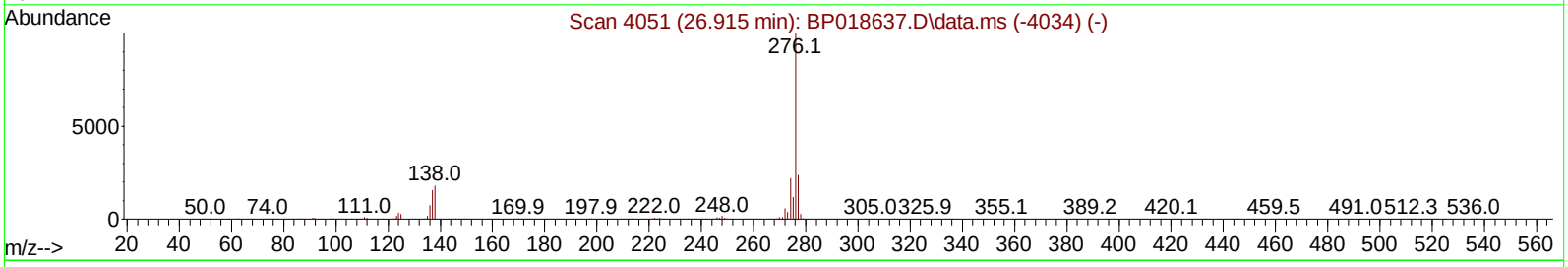

TIC: BP018663.D\data.ms

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

26.921min (+ 0.006) 30.62 ng/ul m

response 4490919

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.60	20.11
277.00	24.20	24.15
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : PB157358BS
Misc :
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 07 06:57:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	432682	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.646	136	1601252	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	736784	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1793265	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1854041	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	2264179	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	66840	5.264	ng/uL	0.00
4) Pyridine-d5	3.681	84	878381	25.827	ng/ul	0.00
7) Phenol-d5	7.022	99	1142911	26.321	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	667290	25.929	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	890340	26.278	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	829456	23.604	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	417890	29.322	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	449464	30.419	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	782106	25.886	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	914616	23.164	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	1688539	25.678	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	1955109	27.001	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	374163	34.664	ng/ul	0.00
60) Fluorene-d10	15.475	176	1799878	32.608	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	314290	29.230	ng/ul	0.00
73) Anthracene-d10	17.328	188	2512072	26.646	ng/ul	0.00
81) Pyrene-d10	19.563	212	3258679	22.579	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	3746825	28.381	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	139743	10.036	ng/uL	97
5) Pyridine	3.699	79	907491	26.423	ng/ul	98
6) Benzaldehyde	6.993	77	613839	27.381	ng/ul	97
8) Phenol	7.046	94	1127360	26.475	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	918483	26.264	ng/ul	98
12) 2-Chlorophenol	7.411	128	888122	25.900	ng/ul	98
13) 2-Methylphenol	8.299	108	792411	24.307	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1071285	24.143	ng/ul	99
16) Acetophenone	8.675	105	1289074	24.615	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.669	70	623638	21.647	ng/ul	97
18) 4-Methylphenol	8.628	108	846164	23.770	ng/ul	99
19) Hexachloroethane	8.928	117	376765	26.801	ng/ul	92
22) Nitrobenzene	9.057	77	968271	27.944	ng/ul	98
23) Isophorone	9.581	82	1777439	25.159	ng/ul	99
25) 2-Nitrophenol	9.763	139	473509	29.930	ng/ul	99
26) 2,4-Dimethylphenol	9.828	107	474301	15.329	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	1158336	25.970	ng/ul	99
29) 2,4-Dichlorophenol	10.299	162	790260	27.155	ng/ul	97
30) Naphthalene	10.699	128	2647737	27.257	ng/ul	100
32) 4-Chloroaniline	10.810	127	870360	23.128	ng/ul	99
33) Hexachlorobutadiene	10.981	225	591818	30.365	ng/ul	98
34) Caprolactam	11.593	113	229731m	25.745	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	781750	23.979	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.304	142	1732622	25.177	ng/ul	100
37) 1-Methylnaphthalene	12.522	142	1696599	24.413	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	1018794	38.112	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	386175	24.373	ng/ul	98
41) 2,4,6-Trichlorophenol	12.916	196	577314	33.572	ng/ul	100
42) 2,4,5-Trichlorophenol	12.987	196	634870	34.054	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	1754247	27.530	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	1372390	27.269	ng/ul	99
45) 2-Nitroaniline	13.563	65	356365	26.120	ng/ul	98
47) Dimethylphthalate	13.945	163	1651893	25.520	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	342088	27.972	ng/ul	95
50) Acenaphthylene	14.204	152	2145418	26.353	ng/ul	100
51) 3-Nitroaniline	14.393	138	336831	27.591	ng/ul	99
52) Acenaphthene	14.545	153	1611803	29.944	ng/ul	100
53) 2,4-Dinitrophenol	14.592	184	204925	31.617	ng/ul	98
55) 4-Nitrophenol	14.698	109	288174	35.337	ng/ul	95
56) Dibenzofuran	14.881	168	2489410	33.275	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	592125	34.421	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.104	232	470826	30.108	ng/ul	96
59) Diethylphthalate	15.310	149	1971732	31.129	ng/ul	99
61) Fluorene	15.528	166	1952574	32.984	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	1037539	33.418	ng/ul	94
63) 4-Nitroaniline	15.551	138	425327	36.571	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	342429	29.787	ng/ul	92
67) N-Nitrosodiphenylamine	15.740	169	1625211	27.350	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	648557	28.647	ng/ul	95
69) Hexachlorobenzene	16.528	284	748739	29.622	ng/ul	98
70) Atrazine	16.692	200	175747	9.948	ng/ul	99
71) Pentachlorophenol	16.875	266	401423	26.703	ng/ul	99
72) Phenanthrene	17.269	178	3091191	28.542	ng/ul	100
74) Anthracene	17.363	178	2916397	26.864	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.281	216	887439	28.620	ng/uL	99
76) Pentachlorobenzene	14.798	250	933742	30.657	ng/uL	98
77) Carbazole	17.634	167	2769965	32.014	ng/ul	100
78) Di-n-butylphthalate	18.192	149	3190685	27.694	ng/ul	99
80) Fluoranthene	19.239	202	3793141	22.235	ng/ul	97
82) Pyrene	19.592	202	3911634	22.729	ng/ul	96
83) Butylbenzylphthalate	20.469	149	1498725	23.788	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1315809	29.205	ng/ul	98
85) Benzo(a)anthracene	21.304	228	4260975	28.314	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	2133161	24.633	ng/ul	100
87) Chrysene	21.351	228	3952433	28.520	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	3956425	23.933	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	4479430	26.833	ng/ul	99
91) Benzo(k)fluoranthene	23.016	252	4521248	27.991	ng/ul	99
93) Benzo(a)pyrene	23.586	252	4295670	28.161	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.157	276	5493524	30.143	ng/ul	97
95) Dibenzo(a,h)anthracene	26.180	278	4592757	30.293	ng/ul	98
96) Benzo(g,h,i)perylene	26.921	276	4490919m	30.619	ng/ul	

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

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