Quantitation Report (Qedit)

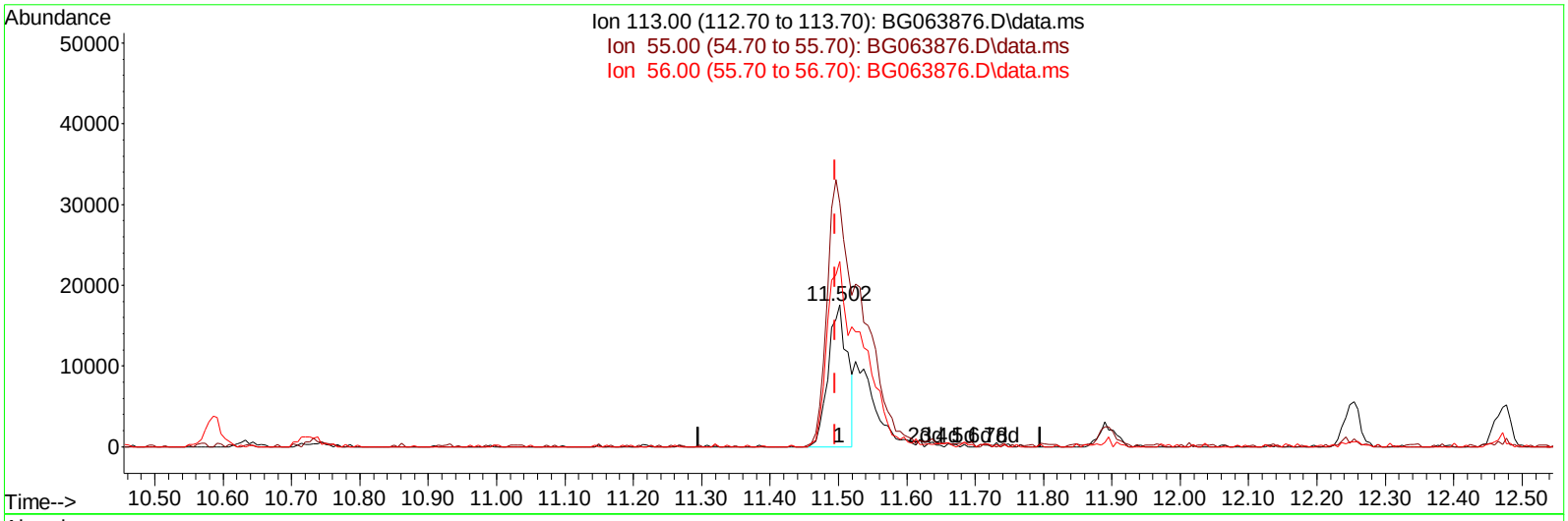
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063876.D
Acq On : 27 Dec 2024 20:33
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 49 Sample Multiplier: 1

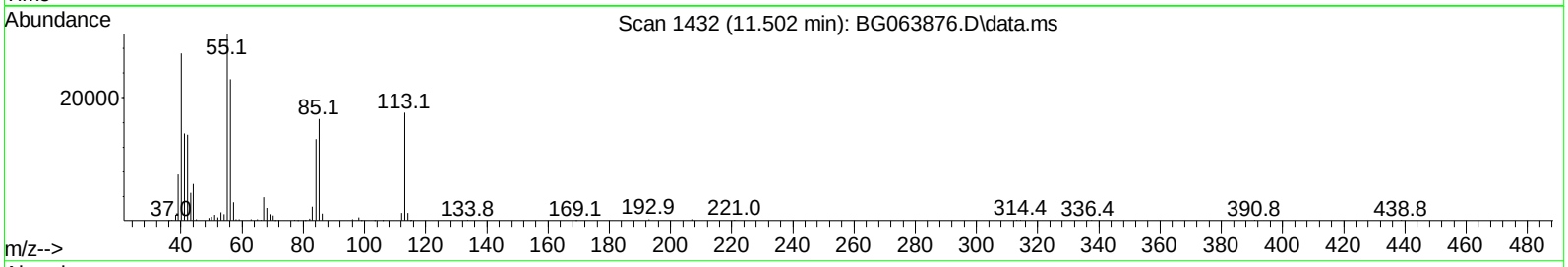
Quant Time: Dec 27 23:32:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

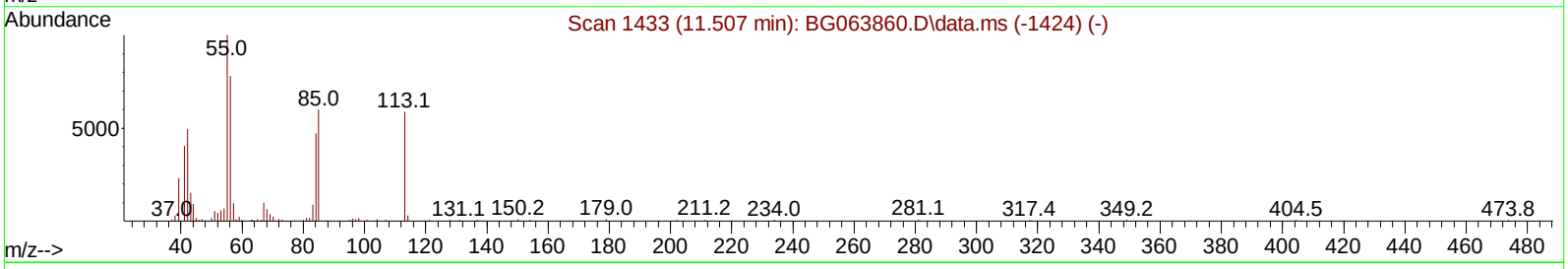
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024







TIC: BG063876.D\data.ms

(34) Caprolactam

11.502min (+ 0.006) 13.57 ng/ul

response 34632

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	172.04
56.00	133.90	130.65
0.00	0.00	0.00

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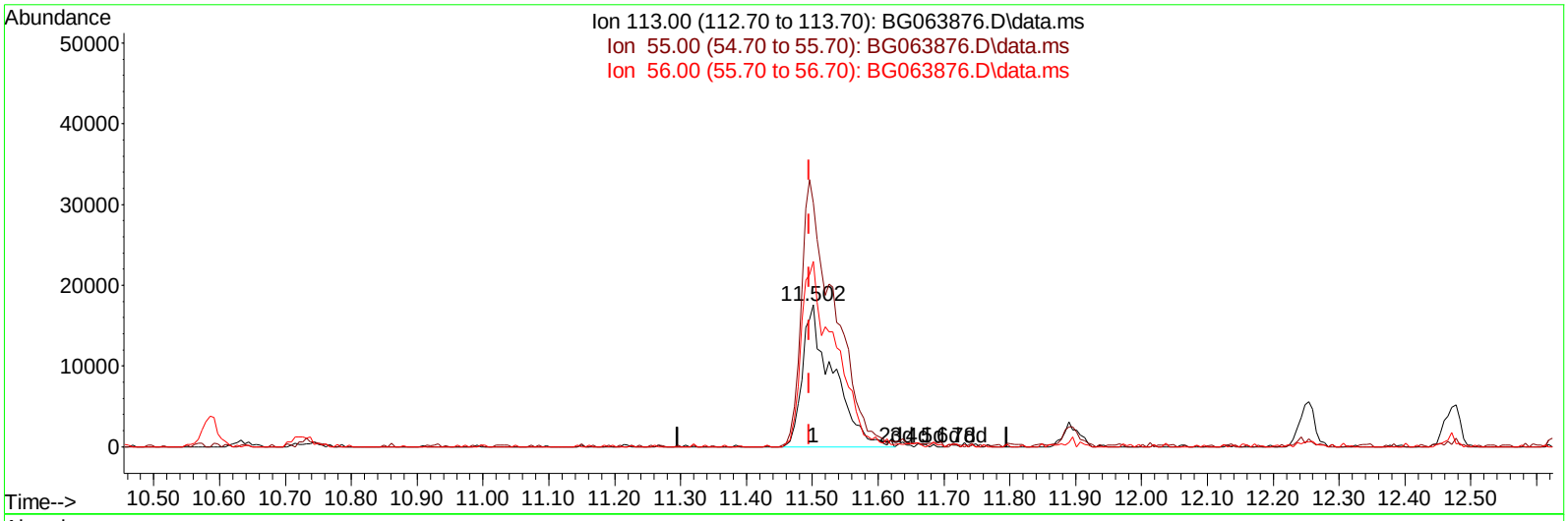

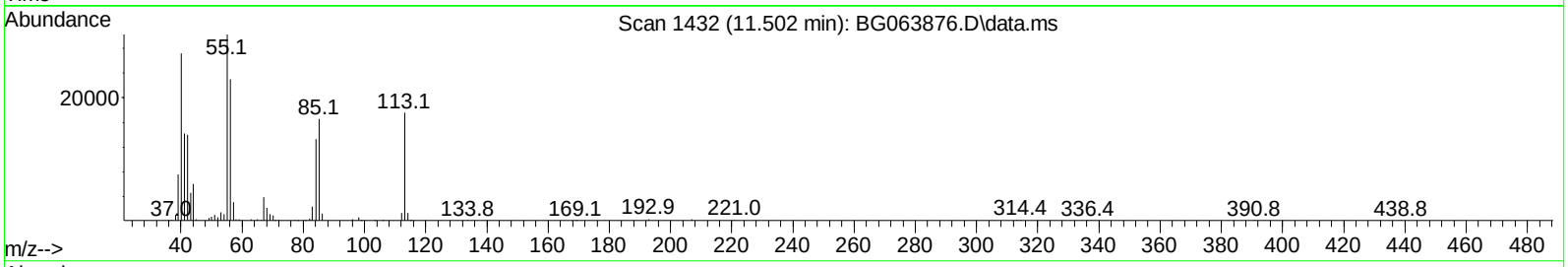

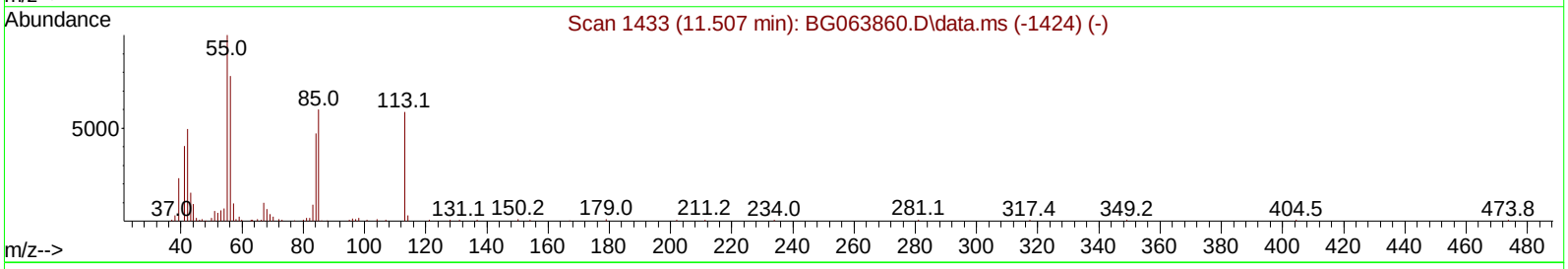

TIC: BG063876.D\data.ms

(34) Caprolactam

11.502min (+ 0.006) 22.38 ng/ul m

response 57099

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	172.04
56.00	133.90	130.65
0.00	0.00	0.00

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Misc :
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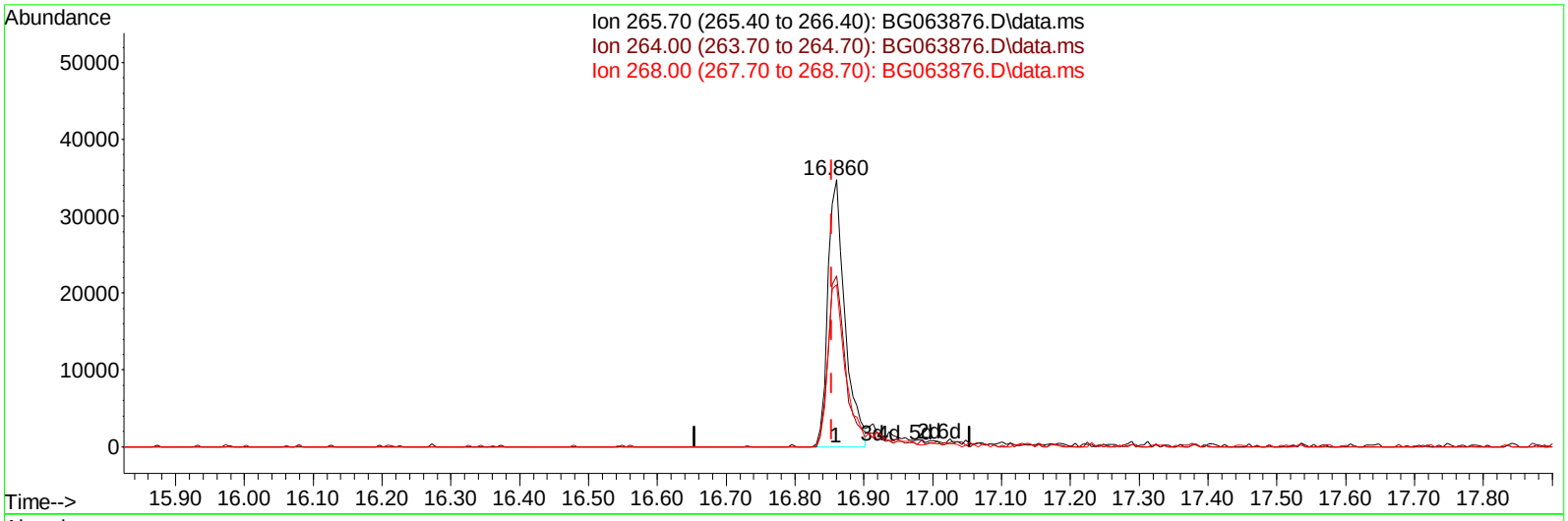

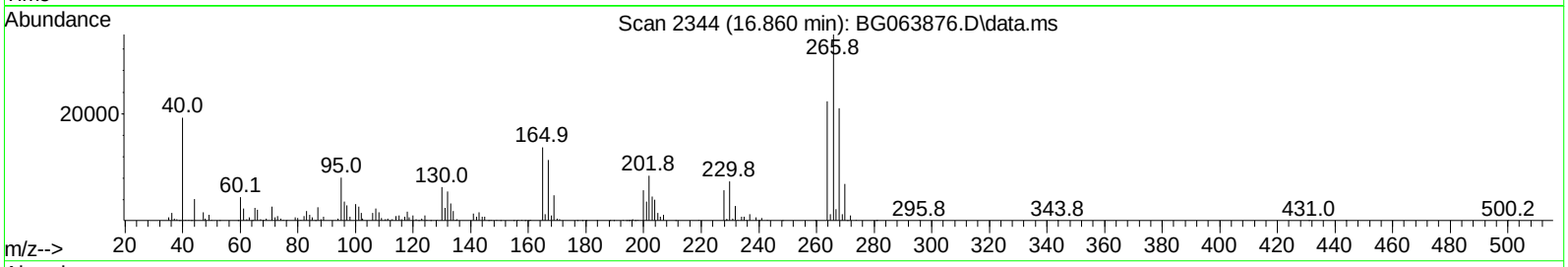

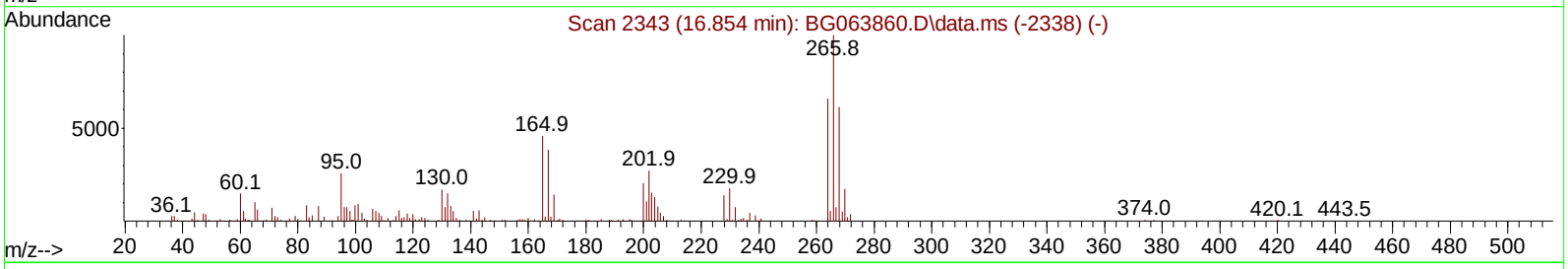

TIC: BG063876.D\data.ms

(71) Pentachlorophenol (C)

16.860min (+ 0.006) 15.52 ng/ul

response 60077

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	64.07
268.00	63.10	60.64
0.00	0.00	0.00

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Instrument :
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LabSampleId :
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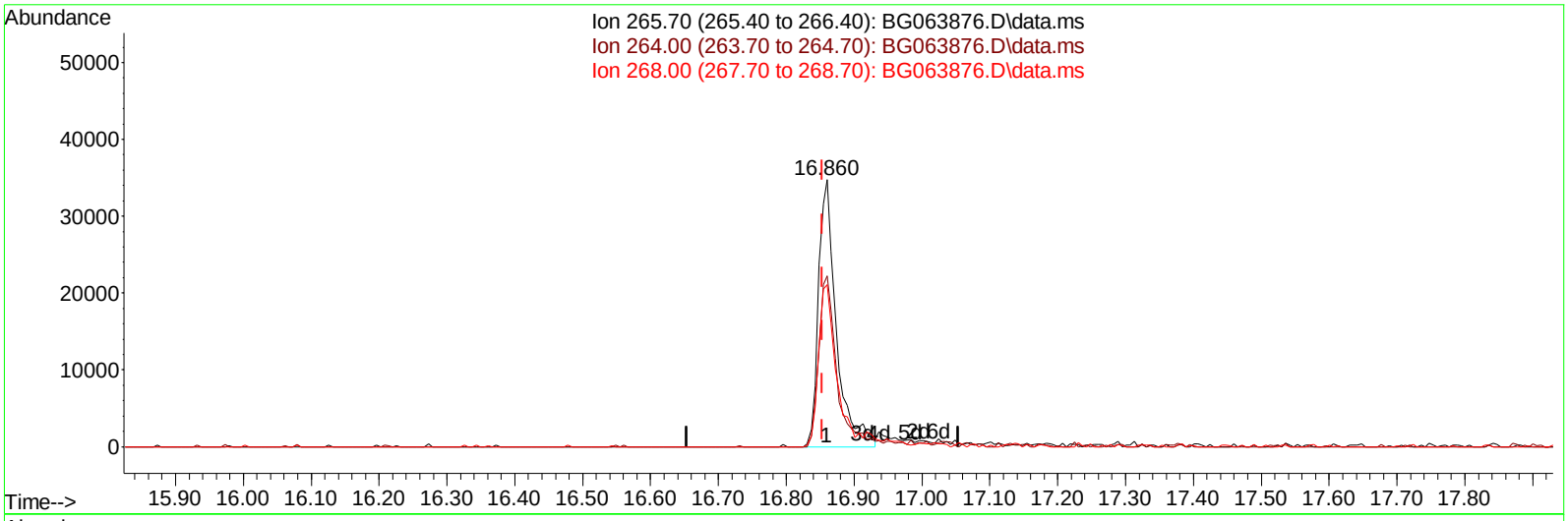

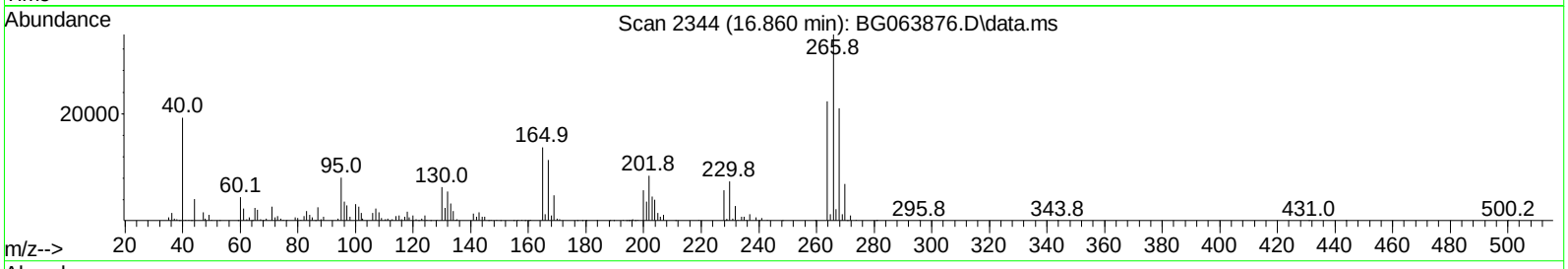

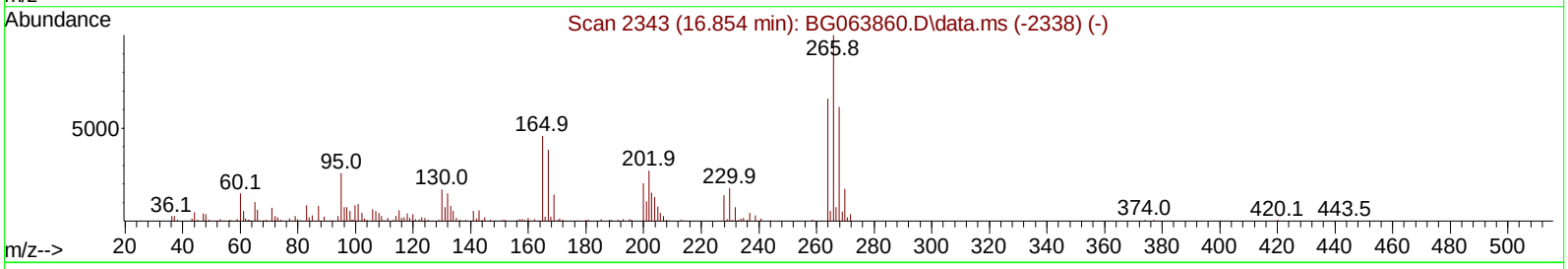

TIC: BG063876.D\data.ms

(71) Pentachlorophenol (C)

16.860min (+ 0.006) 16.40 ng/ul m

response 63522

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	64.07
268.00	63.10	60.64
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BG063876.D
Acq On : 27 Dec 2024 20:33
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ALS Vial : 49 Sample Multiplier: 1

Quant Time: Dec 28 00:40:08 2024
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	115473	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	479320	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	347729	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	804312	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	846302	20.000	ng/ul	0.01
88) Perylene-d12	24.469	264	854579	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	25335	8.598	ng/uL	0.00
4) Pyridine-d5	3.670	84	191175	20.566	ng/ul	0.00
7) Phenol-d5	6.984	99	204219	19.203	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	142350	19.380	ng/ul	0.00
11) 2-Chlorophenol-d4	7.336	132	134224	19.495	ng/ul	0.00
15) 4-Methylphenol-d8	8.517	113	162465	19.676	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	72560	21.202	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	81735	21.306	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	155403	20.923	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	205682	21.810	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	495348	20.935	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	563436	20.889	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	66577	19.859	ng/ul	0.00
60) Fluorene-d10	15.438	176	433691	20.731	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	84679	20.277	ng/ul	0.00
73) Anthracene-d10	17.295	188	750961	21.716	ng/ul	0.00
81) Pyrene-d10	19.592	212	890940	20.231	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.263	264	866454	21.590	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.300	88	28858	8.275	ng/uL	97
5) Pyridine	3.687	79	204925	20.582	ng/ul	95
6) Benzaldehyde	6.937	77	133289	20.432	ng/ul	97
8) Phenol	7.013	94	219134	19.334	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.224	93	165392	19.072	ng/ul	93
12) 2-Chlorophenol	7.365	128	140150	20.109	ng/ul	90
13) 2-Methylphenol	8.253	108	159411	19.459	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.317	45	250133	19.429	ng/ul	97
16) Acetophenone	8.617	105	272766	19.477	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.599	70	155601	18.621	ng/ul	92
18) 4-Methylphenol	8.582	108	173924	19.399	ng/ul	98
19) Hexachloroethane	8.870	117	65221	19.046	ng/ul	97
22) Nitrobenzene	8.993	77	229798	20.107	ng/ul	98
23) Isophorone	9.516	82	431463	19.981	ng/ul	98
25) 2-Nitrophenol	9.710	139	84511	21.435	ng/ul	88
26) 2,4-Dimethylphenol	9.774	107	185123	20.692	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.998	93	242819	20.790	ng/ul	94
29) 2,4-Dichlorophenol	10.244	162	154104	20.881	ng/ul	100
30) Naphthalene	10.638	128	492721	20.560	ng/ul	99
32) 4-Chloroaniline	10.750	127	197392	21.999	ng/ul	98
33) Hexachlorobutadiene	10.920	225	114068	19.025	ng/ul	97
34) Caprolactam	11.502	113	57099m	22.382	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	168416	19.437	ng/ul	96

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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.248	142	347416	20.171	ng/ul	99
37) 1-Methylnaphthalene	12.471	142	356820	20.339	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.630	216	220445	19.803	ng/ul	98
40) Hexachlorocyclopentadiene	12.600	237	77704	17.658	ng/ul	95
41) 2,4,6-Trichlorophenol	12.877	196	127498	20.265	ng/ul	91
42) 2,4,5-Trichlorophenol	12.953	196	131208	19.983	ng/ul	99
43) 1,1'-Biphenyl	13.264	154	487484	21.258	ng/ul	93
44) 2-Chloronaphthalene	13.311	162	386556	20.991	ng/ul	99
45) 2-Nitroaniline	13.523	65	135068	21.897	ng/ul	97
47) Dimethylphthalate	13.893	163	490874	20.700	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	99125	22.507	ng/ul#	88
50) Acenaphthylene	14.157	152	599056	20.713	ng/ul	98
51) 3-Nitroaniline	14.351	138	72265	17.747	ng/ul	92
52) Acenaphthene	14.504	153	429429	20.949	ng/ul	95
53) 2,4-Dinitrophenol	14.575	184	37422	16.627	ng/ul	92
55) 4-Nitrophenol	14.686	109	65914	18.934	ng/ul	93
56) Dibenzofuran	14.839	168	624913	21.623	ng/ul	96
57) 2,4-Dinitrotoluene	14.816	165	147844	22.592	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.080	232	114572	20.243	ng/ul	93
59) Diethylphthalate	15.262	149	482034	21.027	ng/ul	98
61) Fluorene	15.491	166	480283	20.812	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.485	204	258925	20.140	ng/ul	95
63) 4-Nitroaniline	15.521	138	62915	15.434	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.591	198	86378	20.078	ng/ul#	89
67) N-Nitrosodiphenylamine	15.703	169	412237	21.166	ng/ul	95
68) 4-Bromophenyl-phenylether	16.384	248	171875	20.968	ng/ul	99
69) Hexachlorobenzene	16.508	284	188675	20.544	ng/ul	97
70) Atrazine	16.655	200	178605	21.693	ng/ul	95
71) Pentachlorophenol	16.860	266	63522m	16.405	ng/ul	
72) Phenanthrene	17.236	178	858340	22.145	ng/ul	99
74) Anthracene	17.330	178	869577	22.166	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.235	216	225030	20.970	ng/ul	98
76) Pentachlorobenzene	14.769	250	222637	20.942	ng/ul	96
77) Carbazole	17.600	167	761565	23.982	ng/ul	98
78) Di-n-butylphthalate	18.159	149	888470	23.167	ng/ul	99
80) Fluoranthene	19.257	202	1047878	20.935	ng/ul	97
82) Pyrene	19.622	202	1120353	21.038	ng/ul	95
83) Butylbenzylphthalate	20.521	149	386820	23.662	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.349	252	288258	18.868	ng/ul	97
85) Benzo(a)anthracene	21.431	228	1078467	20.334	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.343	149	571694	24.040	ng/ul	100
87) Chrysene	21.490	228	1003797	19.857	ng/ul	96
89) Di-n-octyl phthalate	22.477	149	984683	26.696	ng/ul	100
90) Benzo(b)fluoranthene	23.511	252	1015876	20.916	ng/ul	99
91) Benzo(k)fluoranthene	23.576	252	1086277	22.421	ng/ul	99
93) Benzo(a)pyrene	24.328	252	970939	21.297	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.871	276	1189354	21.362	ng/ul	96
95) Dibenzo(a,h)anthracene	27.924	278	957731	21.498	ng/ul#	96
96) Benzo(g,h,i)perylene	28.940	276	925135	20.940	ng/ul	99

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

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