Quantitation Report (Qedit)

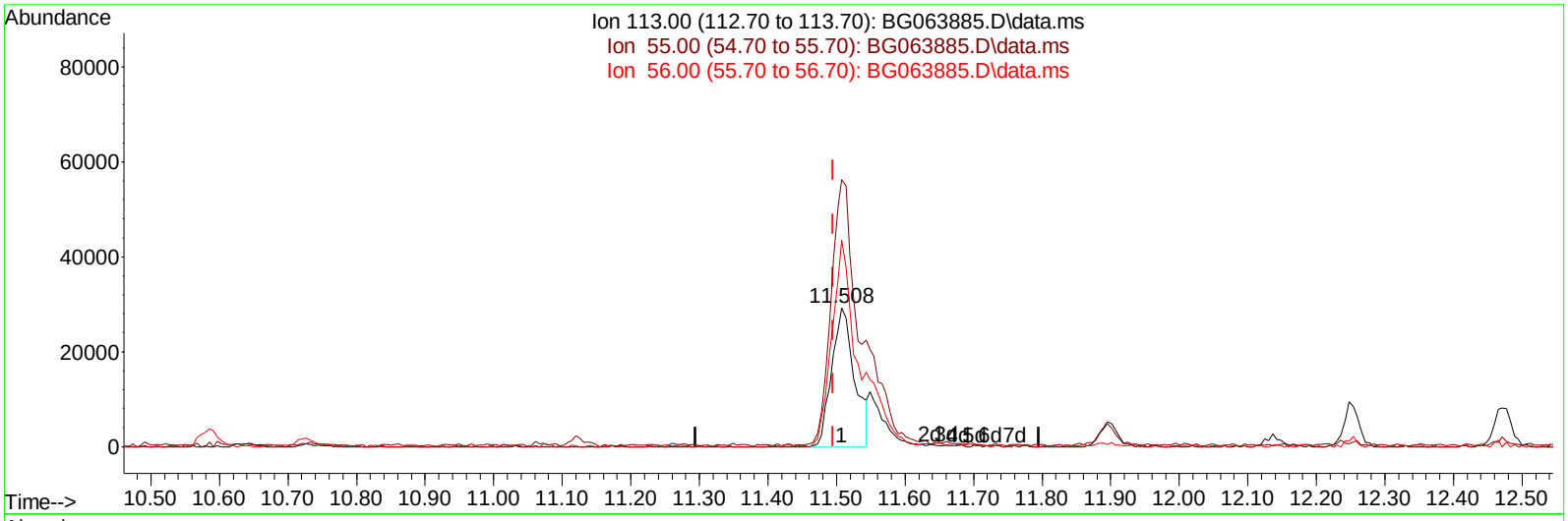
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063885.D
Acq On : 28 Dec 2024 2:12
Operator : RC/JU
Sample : P5378-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

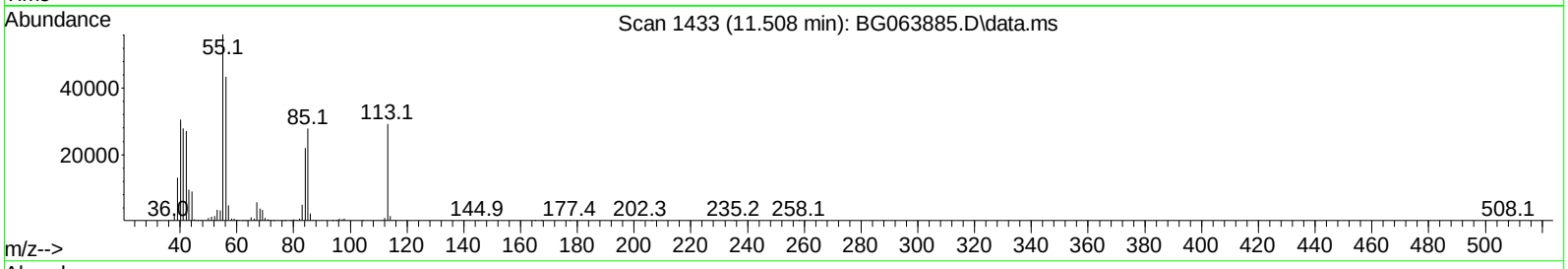
Quant Time: Dec 28 02:46:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

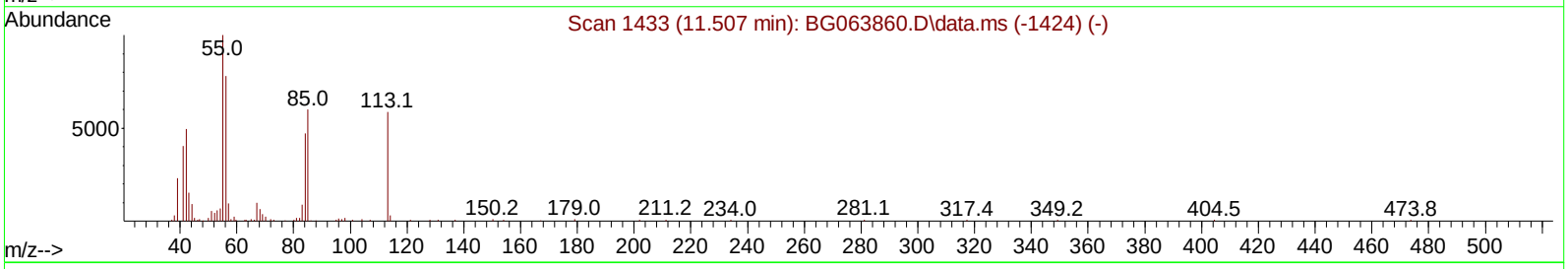
Instrument :
BNA_G
ClientSampleId :
YE634MSD

Manual IntegrationsAPPROVED

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







TIC: BG063885.D\data.ms

(34) Caprolactam

11.508min (+ 0.012) 25.37 ng/ul

response 67298

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	191.99
56.00	133.90	148.52
0.00	0.00	0.00

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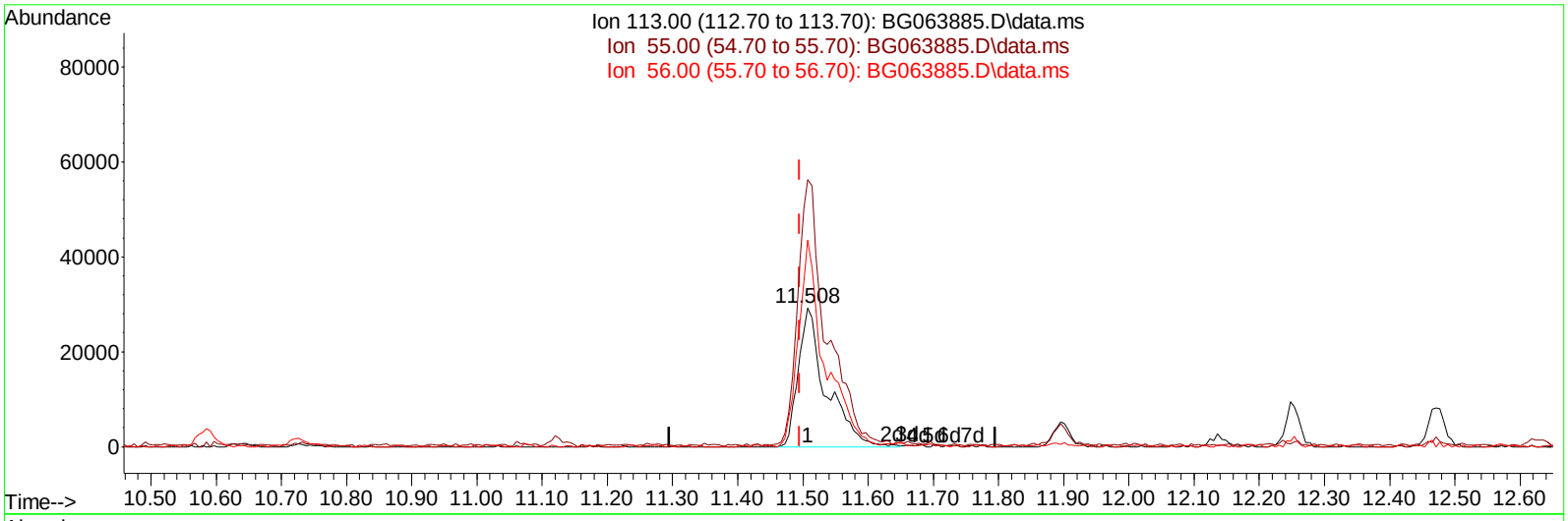

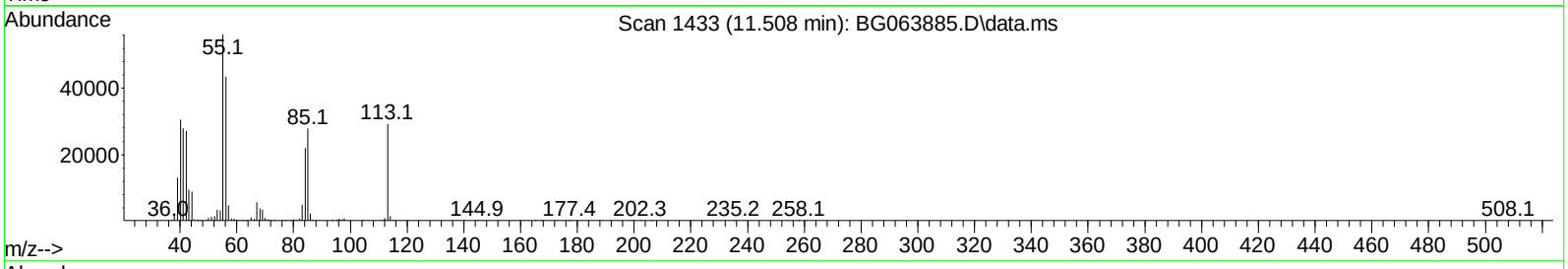

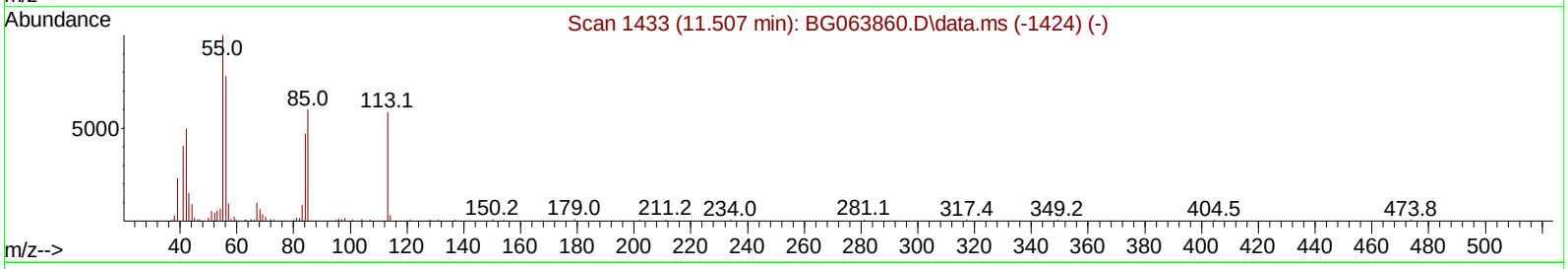

TIC: BG063885.D\data.ms

(34) Caprolactam

11.508min (+ 0.012) 32.51 ng/ul m

response 86228

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	191.99
56.00	133.90	148.52
0.00	0.00	0.00

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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BNA_G
ClientSampleId :
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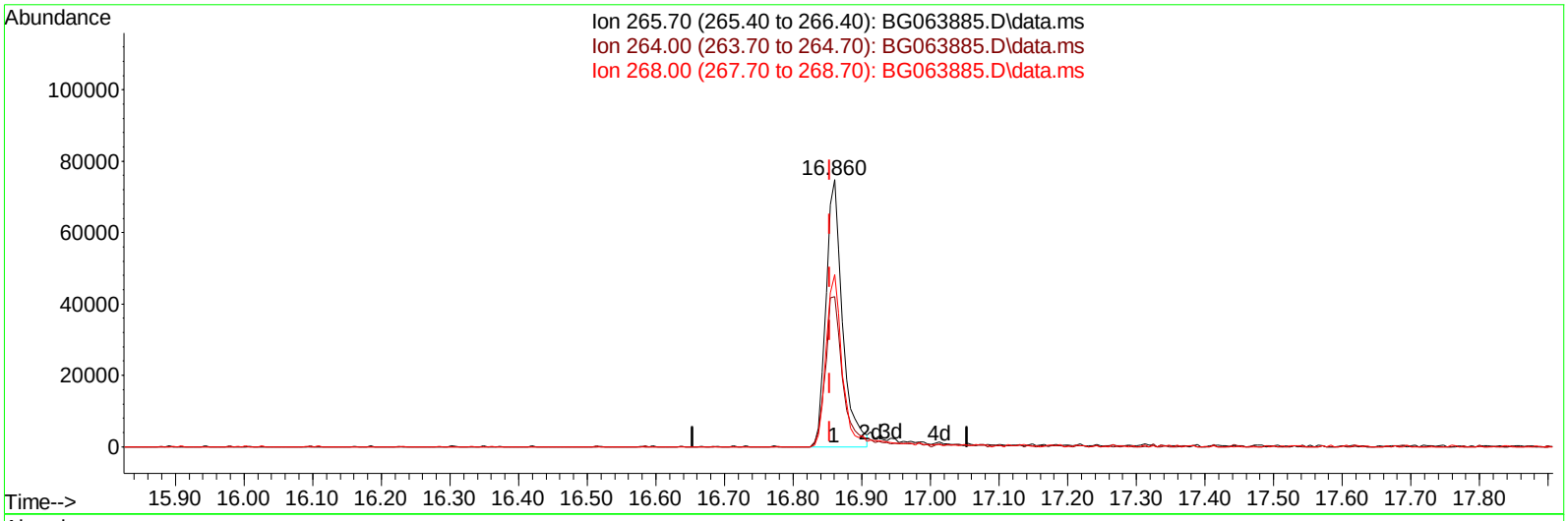

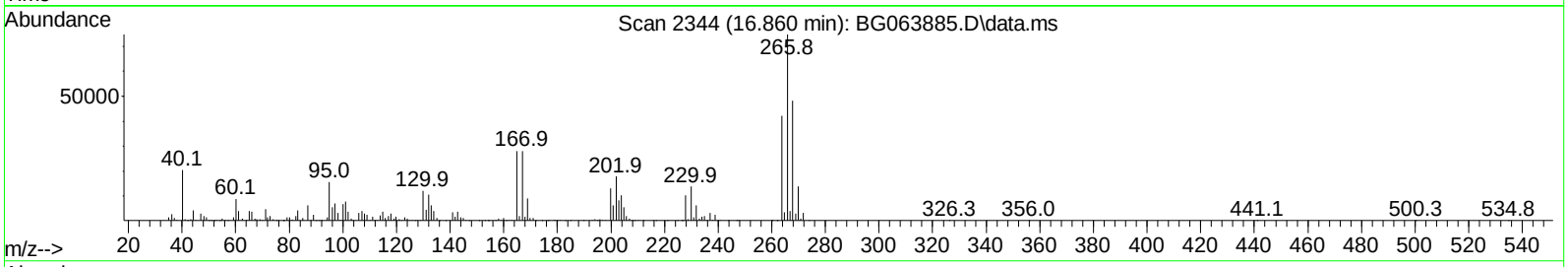

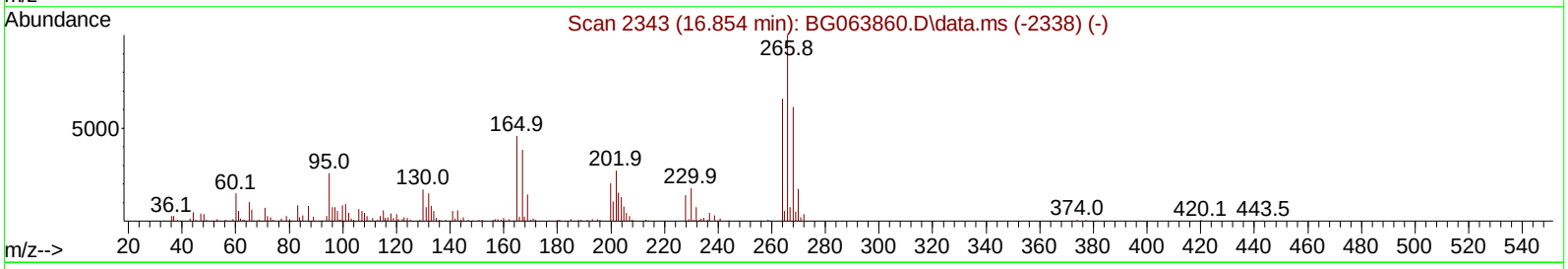

TIC: BG063885.D\data.ms

(71) Pentachlorophenol (C)

16.860min (+ 0.006) 32.67 ng/ul

response 124836

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	56.29
268.00	63.10	64.43
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 28 02:46:29 2024
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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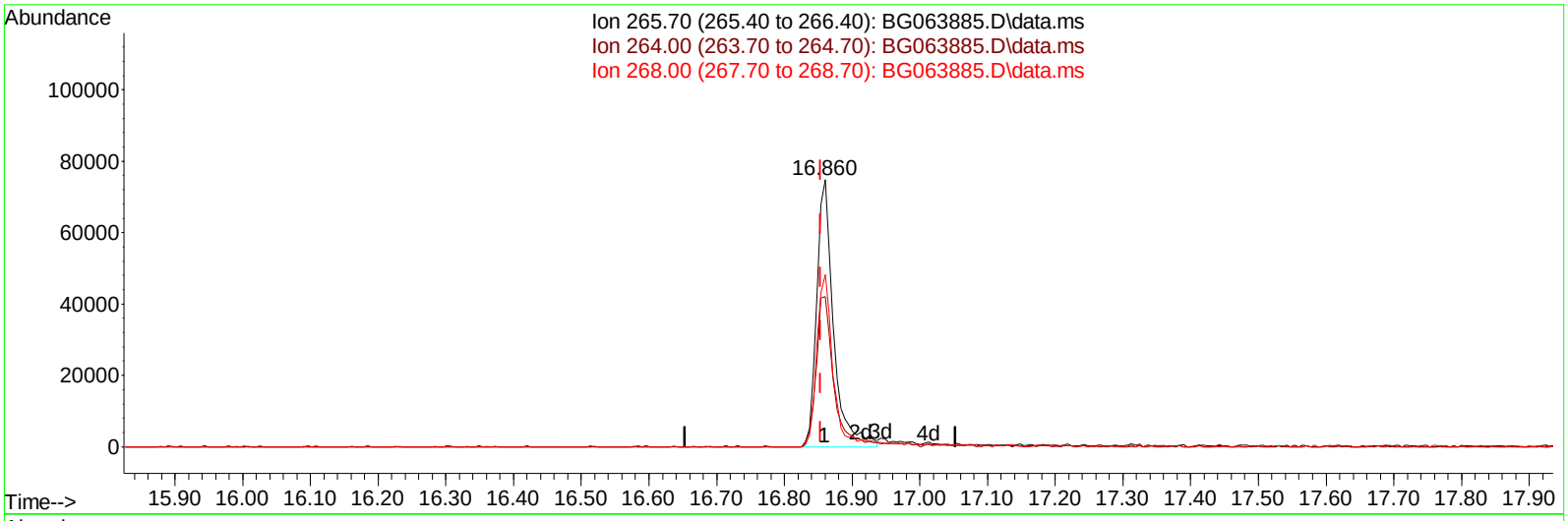

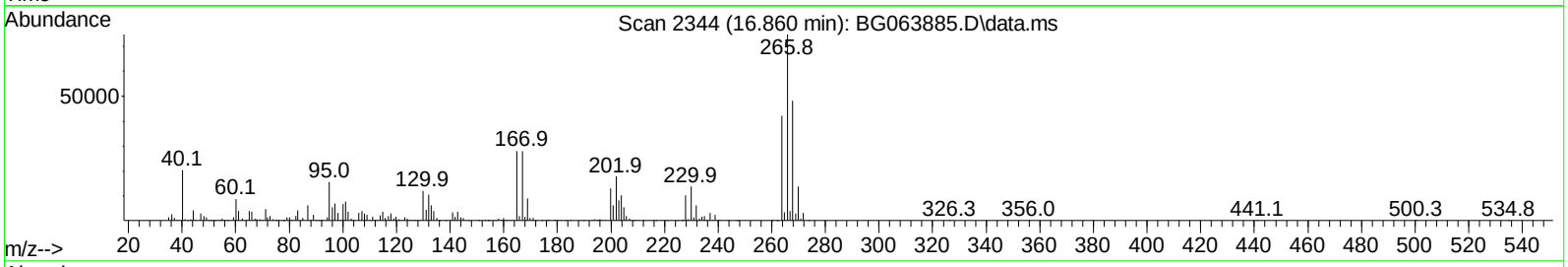

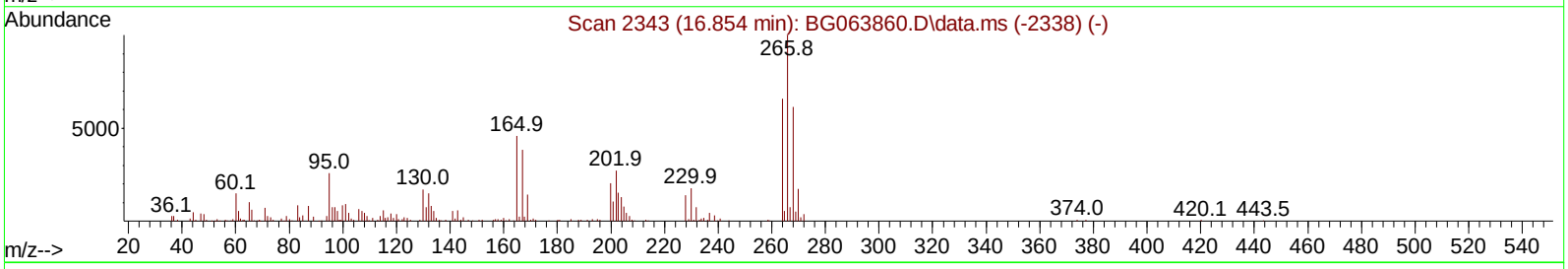

TIC: BG063885.D\data.ms

(71) Pentachlorophenol (C)

16.860min (+ 0.006) 33.89 ng/ul m

response 129504

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	56.29
268.00	63.10	64.43
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : P5378-05MSD
Misc :
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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)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	120420	20.000	ng/ul	0.00
20) Naphthalene-d8	10.585	136	498312	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	351085	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	793784	20.000	ng/ul	0.00
79) Chrysene-d12	21.449	240	799585	20.000	ng/ul	0.01
88) Perylene-d12	24.475	264	834577	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	13627	4.435	ng/uL	0.00
4) Pyridine-d5	3.670	84	208250	21.483	ng/ul	0.00
7) Phenol-d5	6.989	99	243790	21.982	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	161514	21.086	ng/ul	0.00
11) 2-Chlorophenol-d4	7.336	132	164263	22.878	ng/ul	0.00
15) 4-Methylphenol-d8	8.517	113	193920	22.521	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	83749	23.538	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	95274	23.888	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.221	165	189882	24.590	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	216509	22.083	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	578361	24.210	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	656724	24.115	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	79479	23.481	ng/ul	0.00
60) Fluorene-d10	15.438	176	494210	23.398	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.573	200	71333	17.308	ng/ul	0.00
73) Anthracene-d10	17.295	188	847649	24.838	ng/ul	0.00
81) Pyrene-d10	19.598	212	948944	22.807	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.263	264	921246	23.506	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.300	88	42773	11.762	ng/uL#	93
5) Pyridine	3.687	79	316844	30.516	ng/ul	94
6) Benzaldehyde	6.942	77	52798	7.761	ng/ul	96
8) Phenol	7.013	94	366361	30.996	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.224	93	258708	28.607	ng/ul	97
12) 2-Chlorophenol	7.371	128	226279	31.134	ng/ul	98
13) 2-Methylphenol	8.253	108	258192	30.223	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.317	45	398769	29.702	ng/ul	98
16) Acetophenone	8.617	105	413881	28.339	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.599	70	241268	27.686	ng/ul	97
18) 4-Methylphenol	8.582	108	285016	30.484	ng/ul	94
19) Hexachloroethane	8.870	117	106465	29.812	ng/ul	98
22) Nitrobenzene	8.999	77	357296	30.072	ng/ul	96
23) Isophorone	9.516	82	674806	30.059	ng/ul	98
25) 2-Nitrophenol	9.704	139	137618	33.575	ng/ul	89
26) 2,4-Dimethylphenol	9.774	107	304847	32.776	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.998	93	373046	30.723	ng/ul	96
29) 2,4-Dichlorophenol	10.250	162	253504	33.040	ng/ul	95
30) Naphthalene	10.638	128	774771	31.098	ng/ul	100
32) 4-Chloroaniline	10.750	127	171728	18.409	ng/ul	97
33) Hexachlorobutadiene	10.920	225	182124	29.218	ng/ul	100
34) Caprolactam	11.508	113	86228m	32.511	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	280246	31.111	ng/ul	97

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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	12.254	142	557512	31.136	ng/ul	97
37) 1-Methylnaphthalene	12.471	142	556045	30.486	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.630	216	333551	29.677	ng/ul	99
40) Hexachlorocyclopentadiene	12.606	237	63988	14.402	ng/ul	94
41) 2,4,6-Trichlorophenol	12.877	196	214455	33.760	ng/ul	93
42) 2,4,5-Trichlorophenol	12.959	196	219579	33.122	ng/ul	96
43) 1,1'-Biphenyl	13.270	154	752581	32.504	ng/ul	96
44) 2-Chloronaphthalene	13.311	162	598258	32.177	ng/ul	97
45) 2-Nitroaniline	13.523	65	214751	34.483	ng/ul	93
47) Dimethylphthalate	13.893	163	763527	31.890	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	157413	35.401	ng/ul#	86
50) Acenaphthylene	14.163	152	955945	32.737	ng/ul	100
51) 3-Nitroaniline	14.351	138	143883	34.998	ng/ul	89
52) Acenaphthene	14.504	153	671301	32.435	ng/ul	95
53) 2,4-Dinitrophenol	14.575	184	53252	23.434	ng/ul	93
55) 4-Nitrophenol	14.692	109	95057	27.045	ng/ul	91
56) Dibenzofuran	14.839	168	942541	32.302	ng/ul	99
57) 2,4-Dinitrotoluene	14.821	165	226200	34.235	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.080	232	187424	32.797	ng/ul#	94
59) Diethylphthalate	15.262	149	753794	32.567	ng/ul	98
61) Fluorene	15.497	166	742662	31.875	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.485	204	390341	30.071	ng/ul	99
63) 4-Nitroaniline	15.521	138	168278	40.886	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.591	198	123737	29.143	ng/ul	91
67) N-Nitrosodiphenylamine	15.703	169	642280	33.414	ng/ul	96
68) 4-Bromophenyl-phenylether	16.384	248	262938	32.503	ng/ul	98
69) Hexachlorobenzene	16.508	284	290551	32.057	ng/ul	97
70) Atrazine	16.660	200	268342	33.025	ng/ul	98
71) Pentachlorophenol	16.860	266	129504m	33.888	ng/ul	
72) Phenanthrene	17.236	178	1301760	34.031	ng/ul	99
74) Anthracene	17.330	178	1324815	34.218	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.235	216	340563	32.157	ng/ul	99
76) Pentachlorobenzene	14.769	250	331411	31.587	ng/ul	98
77) Carbazole	17.600	167	1138990	36.343	ng/ul	98
78) Di-n-butylphthalate	18.165	149	1353090	35.750	ng/ul	99
80) Fluoranthene	19.263	202	1533391	32.424	ng/ul	98
82) Pyrene	19.628	202	1614538	32.089	ng/ul	95
83) Butylbenzylphthalate	20.521	149	600202	38.860	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.355	252	432727	29.979	ng/ul	94
85) Benzo(a)anthracene	21.431	228	1585402	31.638	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.343	149	897854	39.962	ng/ul	98
87) Chrysene	21.496	228	1518098	31.786	ng/ul	99
89) Di-n-octyl phthalate	22.477	149	1551218	43.063	ng/ul	100
90) Benzo(b)fluoranthene	23.517	252	1567093	33.038	ng/ul	98
91) Benzo(k)fluoranthene	23.576	252	1608378	33.993	ng/ul	98
93) Benzo(a)pyrene	24.334	252	1469664	33.009	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.883	276	1837589	33.796	ng/ul	95
95) Dibenzo(a,h)anthracene	27.930	278	1484194	34.114	ng/ul	93
96) Benzo(g,h,i)perylene	28.946	276	1432181	33.194	ng/ul	96

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

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