Quantitation Report (Qedit)

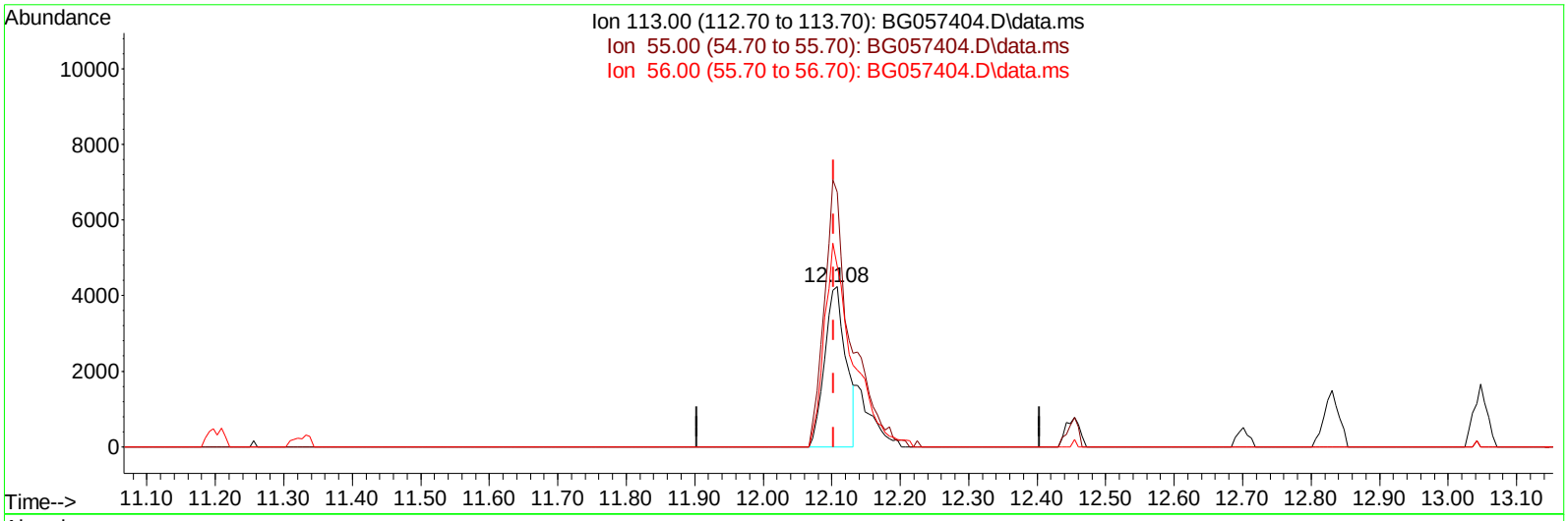
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051123\
Data File : BG057404.D
Acq On : 11 May 2023 18:50
Operator : CG/JU
Sample : PB152685BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

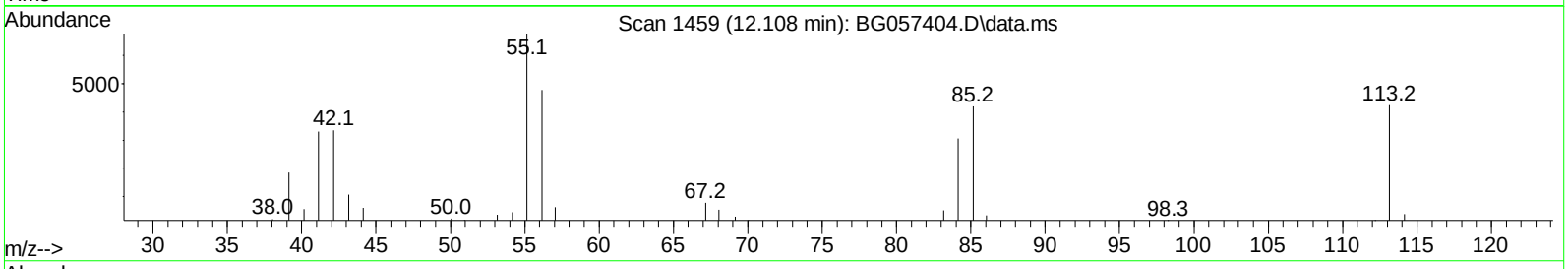
Quant Time: May 11 23:36:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 11:18:43 2023
Response via : Initial Calibration

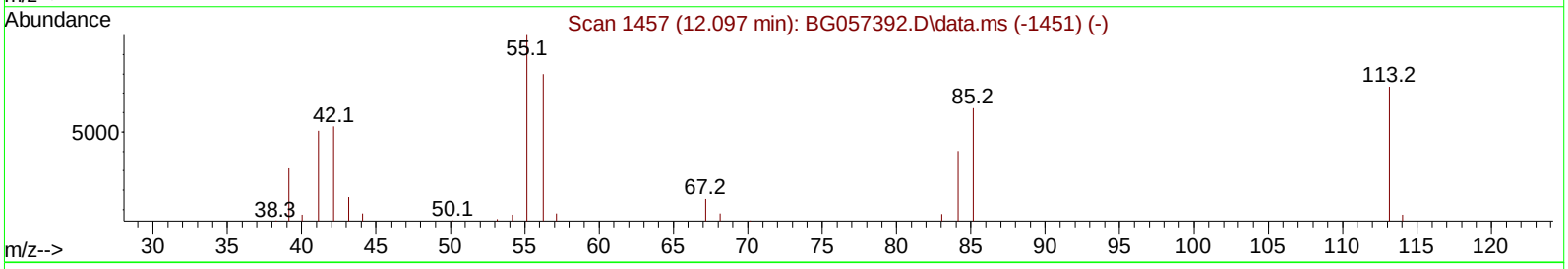
Instrument :
BNA_G
ClientSampleId :
SLCS685

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023







TIC: BG057404.D\data.ms

(34) Caprolactam

12.108min (+ 0.004) 24.07 ng/ul

response 9131

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	158.98
56.00	123.40	112.65
0.00	0.00	0.00

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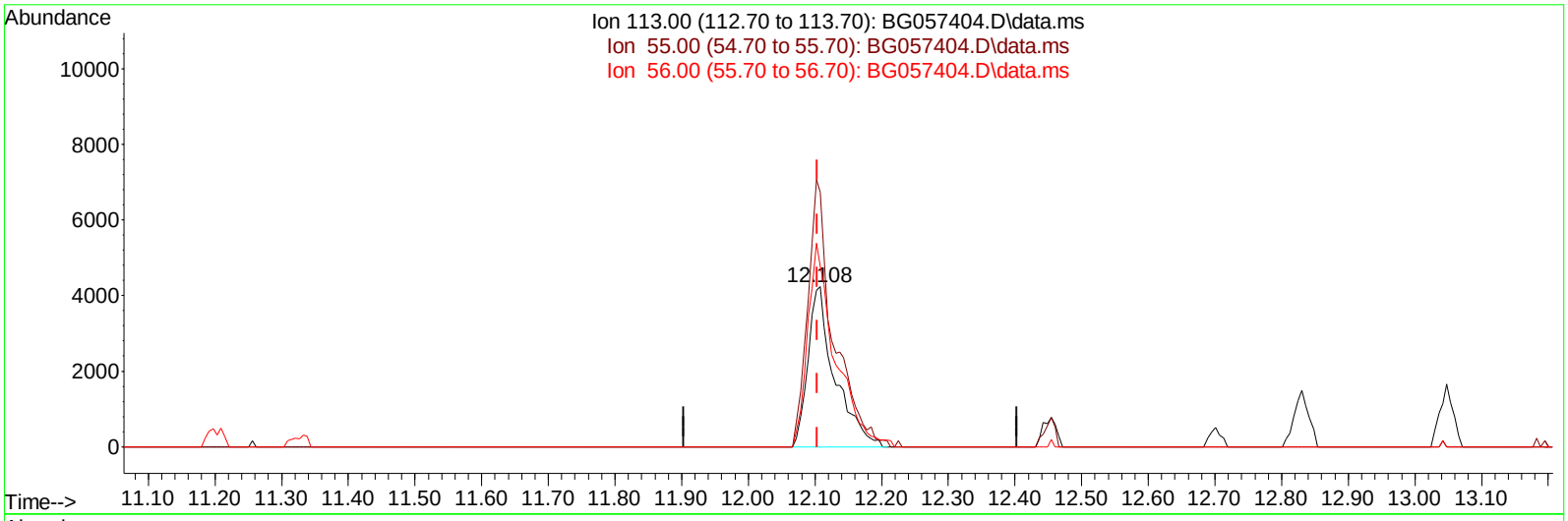

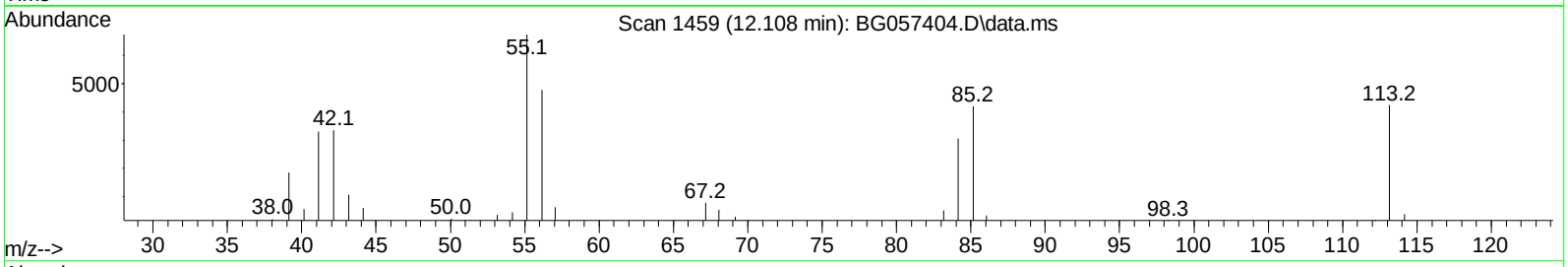

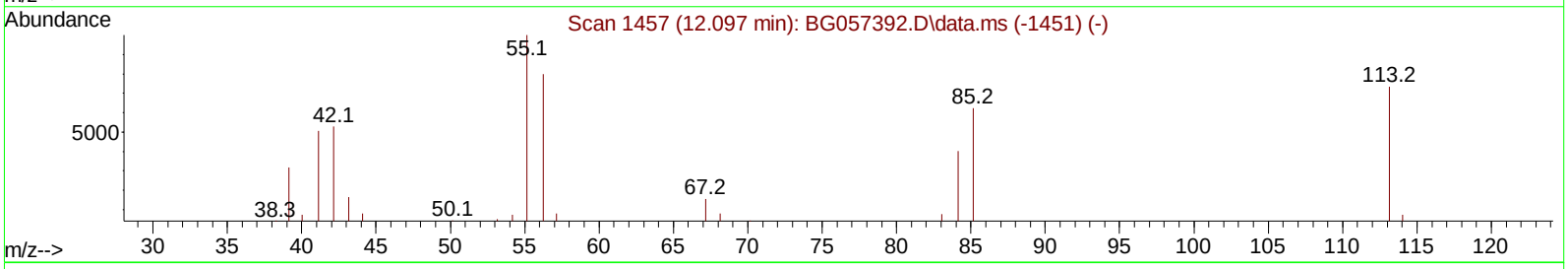

TIC: BG057404.D\data.ms

(34) Caprolactam

12.108min (+ 0.004) 31.13 ng/ul m

response 11806

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	158.98
56.00	123.40	112.65
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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ClientSampleId :
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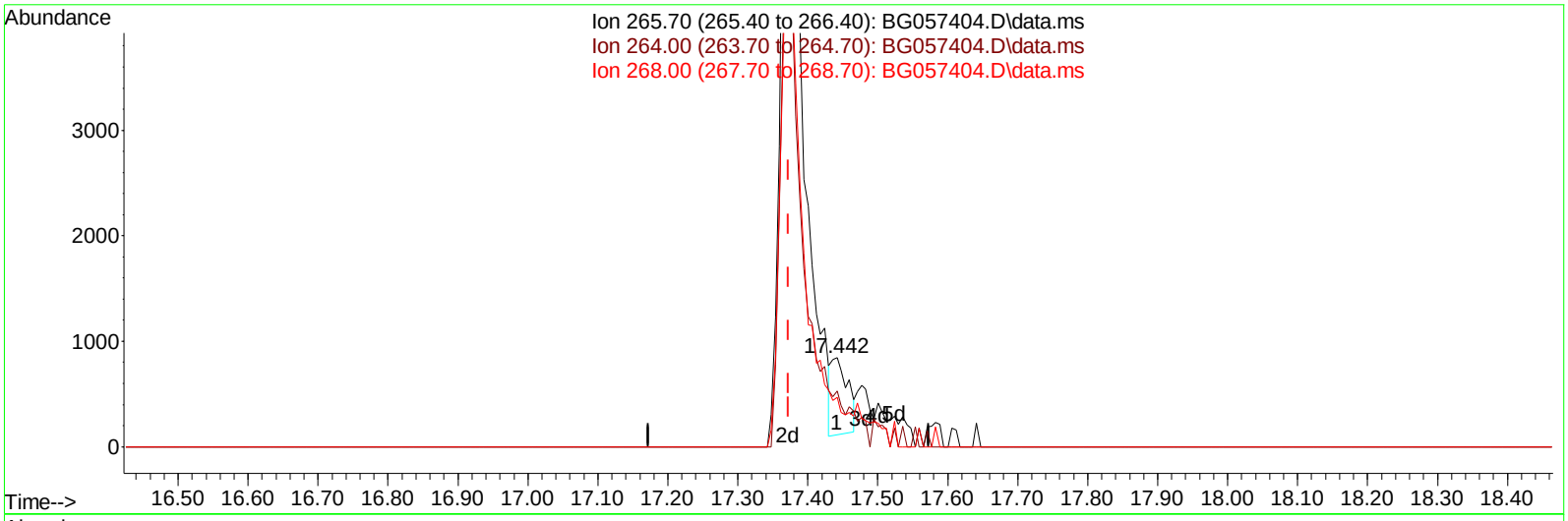

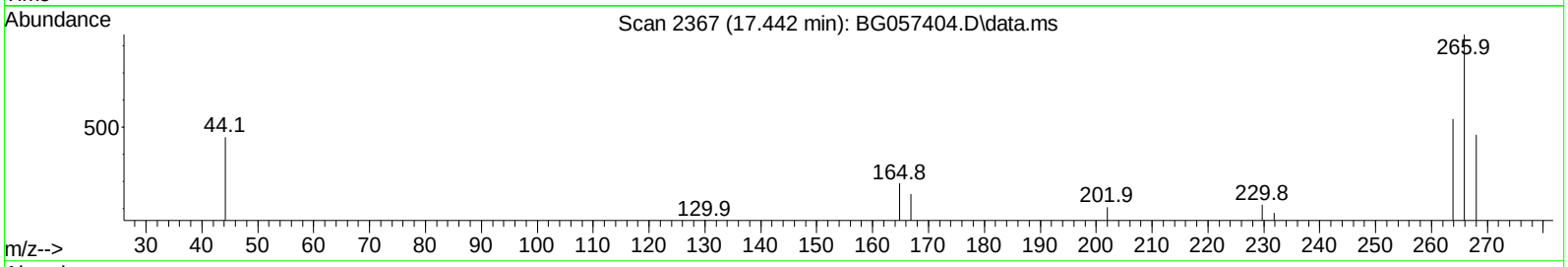

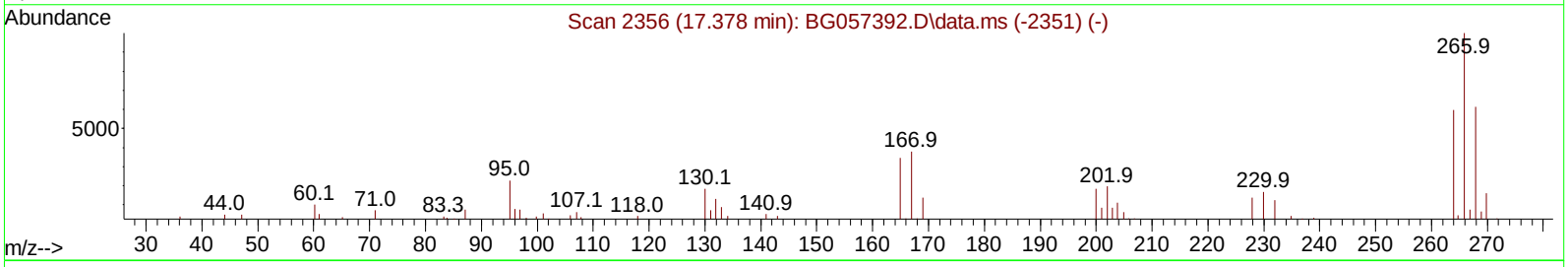

TIC: BG057404.D\data.ms

(71) Pentachlorophenol (C)

17.442min (+ 0.069) 1.55 ng/ul

response 1169

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	59.70	62.83
268.00	60.30	55.94
0.00	0.00	0.00

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Operator : CG/JU
Sample : PB152685BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 11 23:36:15 2023
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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
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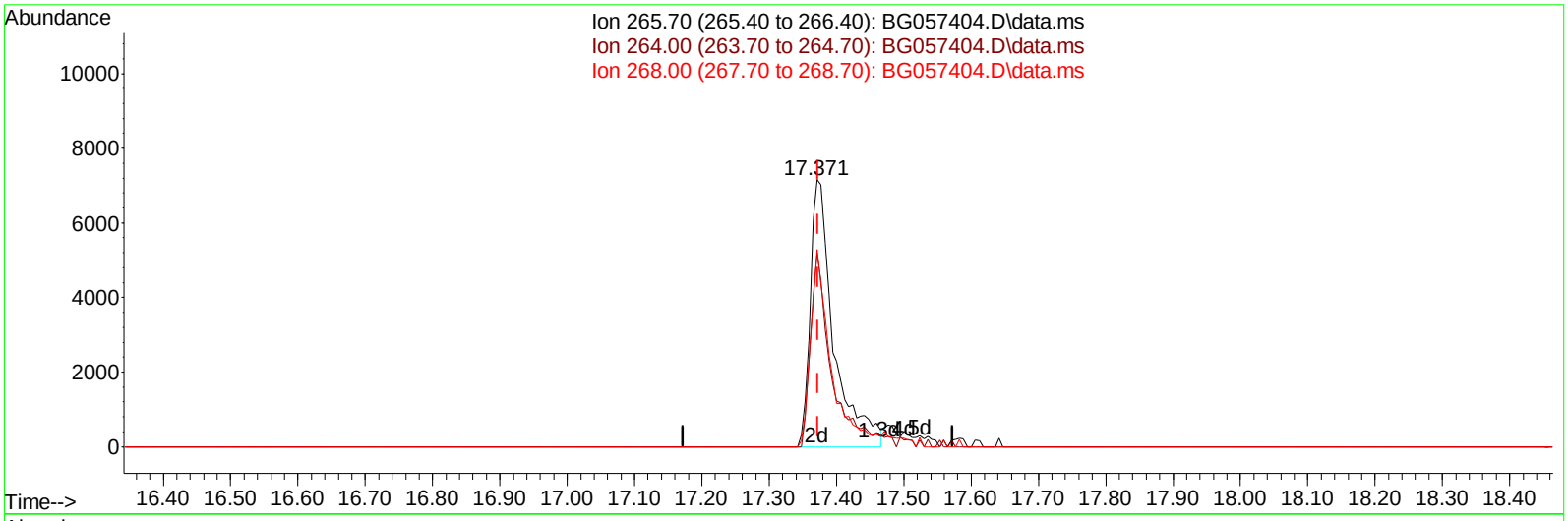

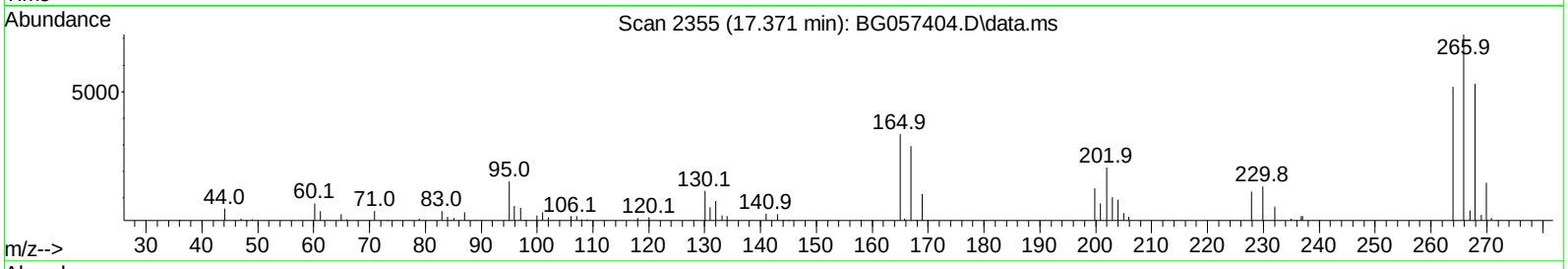

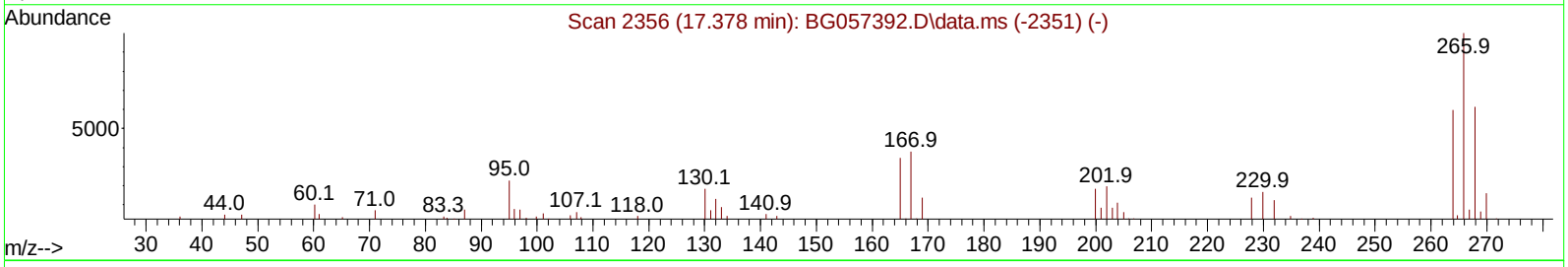

TIC: BG057404.D\data.ms

(71) Pentachlorophenol (C)

17.371min (-0.001) 22.84 ng/ul m

response 17273

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	59.70	72.53#
268.00	60.30	73.97#
0.00	0.00	0.00

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Acq On : 11 May 2023 18:50
Operator : CG/JU
Sample : PB152685BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 12 00:09:29 2023
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.366	152	15943	20.000	ng/ul	0.00
20) Naphthalene-d8	11.203	136	66196	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.980	164	51681	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.718	188	129985	20.000	ng/ul	0.00
79) Chrysene-d12	22.030	240	121756	20.000	ng/ul	0.00
88) Perylene-d12	25.525	264	129610	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	1917	5.291	ng/uL	0.00
4) Pyridine-d5	4.083	84	26857	23.513	ng/ul	0.00
7) Phenol-d5	7.508	99	41260	27.365	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.667	67	23278	26.249	ng/ul	0.00
11) 2-Chlorophenol-d4	7.896	132	30163	30.358	ng/ul	0.00
15) 4-Methylphenol-d8	9.065	113	32969	28.770	ng/ul	0.00
21) Nitrobenzene-d5	9.541	128	15478	29.361	ng/ul	0.00
24) 2-Nitrophenol-d4	10.269	143	19076	31.007	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.815	165	38277	32.248	ng/ul	0.00
31) 4-Chloroaniline-d4	11.332	131	41215	26.199	ng/ul	0.00
46) Dimethylphthalate-d6	14.363	166	122781	29.983	ng/ul	0.00
49) Acenaphthylene-d8	14.675	160	138660	30.127	ng/ul	0.00
54) 4-Nitrophenol-d4	15.168	143	16333	27.401	ng/ul	0.00
60) Fluorene-d10	15.961	176	116200	30.460	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	23565	30.598	ng/ul	0.00
73) Anthracene-d10	17.818	188	181324	30.561	ng/ul	0.00
81) Pyrene-d10	20.085	212	220087	30.453	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.290	264	202310	30.638	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.684	88	4236	11.025	ng/uL#	79
5) Pyridine	4.107	79	29695	24.663	ng/ul	91
6) Benzaldehyde	7.490	77	25122	54.554	ng/ul	90
8) Phenol	7.532	94	43234	28.450	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.761	93	30099	26.464	ng/ul	93
12) 2-Chlorophenol	7.925	128	31634	30.311	ng/ul	98
13) 2-Methylphenol	8.800	108	32778	27.832	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.883	45	35626	24.295	ng/ul	95
16) Acetophenone	9.194	105	54869	27.826	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.165	70	29032	25.621	ng/ul	95
18) 4-Methylphenol	9.135	108	37116	29.116	ng/ul	97
19) Hexachloroethane	9.464	117	13438	30.775	ng/ul	96
22) Nitrobenzene	9.588	77	44139	28.118	ng/ul	99
23) Isophorone	10.104	82	81758	27.374	ng/ul	97
25) 2-Nitrophenol	10.304	139	19603	31.459	ng/ul	95
26) 2,4-Dimethylphenol	10.345	107	40067	28.344	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.574	93	44502	28.665	ng/ul#	98
29) 2,4-Dichlorophenol	10.845	162	36763	32.631	ng/ul	95
30) Naphthalene	11.256	128	109984	30.261	ng/ul	99
32) 4-Chloroaniline	11.356	127	38787	23.663	ng/ul	98
33) Hexachlorobutadiene	11.520	225	30308	31.717	ng/ul	100
34) Caprolactam	12.108	113	11806m	31.128	ng/ul	
35) 4-Chloro-3-methylphenol	12.454	107	41227	31.804	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.830	142	80858	30.337	ng/ul	99
37) 1-Methylnaphthalene	13.048	142	82676	30.848	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.194	216	59539	31.702	ng/ul#	98
40) Hexachlorocyclopentadiene	13.165	237	14453	15.421	ng/ul	95
41) 2,4,6-Trichlorophenol	13.429	196	33913	31.005	ng/ul	98
42) 2,4,5-Trichlorophenol	13.506	196	35622	30.333	ng/ul	93
43) 1,1'-Biphenyl	13.817	154	118843	30.137	ng/ul	98
44) 2-Chloronaphthalene	13.870	162	92735	30.329	ng/ul	99
45) 2-Nitroaniline	14.064	65	27635	29.939	ng/ul	90
47) Dimethylphthalate	14.410	163	122957	29.900	ng/ul	99
48) 2,6-Dinitrotoluene	14.546	165	27321	32.283	ng/ul	96
50) Acenaphthylene	14.704	152	139332	29.790	ng/ul	98
51) 3-Nitroaniline	14.880	138	24045	40.099	ng/ul	87
52) Acenaphthene	15.039	153	99076	29.731	ng/ul	99
53) 2,4-Dinitrophenol	15.104	184	10428	23.138	ng/ul	96
55) 4-Nitrophenol	15.186	109	18609	27.540	ng/ul	95
56) Dibenzofuran	15.374	168	147984	30.752	ng/ul	99
57) 2,4-Dinitrotoluene	15.333	165	39153	32.317	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.603	232	33202	31.114	ng/ul	94
59) Diethylphthalate	15.756	149	125447	30.026	ng/ul	100
61) Fluorene	16.020	166	124565	30.612	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.997	204	72693	30.607	ng/ul	99
63) 4-Nitroaniline	16.038	138	23920	42.123	ng/ul	96
66) 4,6-Dinitro-2-methylph...	16.096	198	24325	30.996	ng/ul	97
67) N-Nitrosodiphenylamine	16.208	169	105229	30.991	ng/ul	97
68) 4-Bromophenyl-phenylether	16.889	248	50389	32.433	ng/ul	97
69) Hexachlorobenzene	17.025	284	53377	32.626	ng/ul	98
70) Atrazine	17.142	200	34241	22.690	ng/ul	99
71) Pentachlorophenol	17.371	266	17273m	22.842	ng/ul	
72) Phenanthrene	17.759	178	212031	31.324	ng/ul	100
74) Anthracene	17.853	178	205646	30.244	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.788	216	61598	31.507	ng/uL	97
76) Pentachlorobenzene	15.297	250	62010	31.160	ng/uL	93
77) Carbazole	18.117	167	180405	31.749	ng/ul	99
78) Di-n-butylphthalate	18.634	149	210587	32.409	ng/ul	99
80) Fluoranthene	19.750	202	261121	30.416	ng/ul	97
82) Pyrene	20.109	202	261812	30.125	ng/ul	98
83) Butylbenzylphthalate	20.960	149	91560	32.898	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.900	252	99638	36.848	ng/ul	98
85) Benzo(a)anthracene	22.006	228	267449	31.058	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.847	149	131864	32.576	ng/ul	97
87) Chrysene	22.077	228	248610	30.601	ng/ul	98
89) Di-n-octyl phthalate	23.146	149	220990	30.876	ng/ul	100
90) Benzo(b)fluoranthene	24.403	252	277381	30.905	ng/ul	97
91) Benzo(k)fluoranthene	24.479	252	259508	29.719	ng/ul	99
93) Benzo(a)pyrene	25.366	252	235032	30.332	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.578	276	300107	30.983	ng/ul	98
95) Dibenzo(a,h)anthracene	29.637	278	247346	30.796	ng/ul	98
96) Benzo(g,h,i)perylene	30.853	276	239827	30.594	ng/ul	98

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

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