Quantitation Report (Qedit)

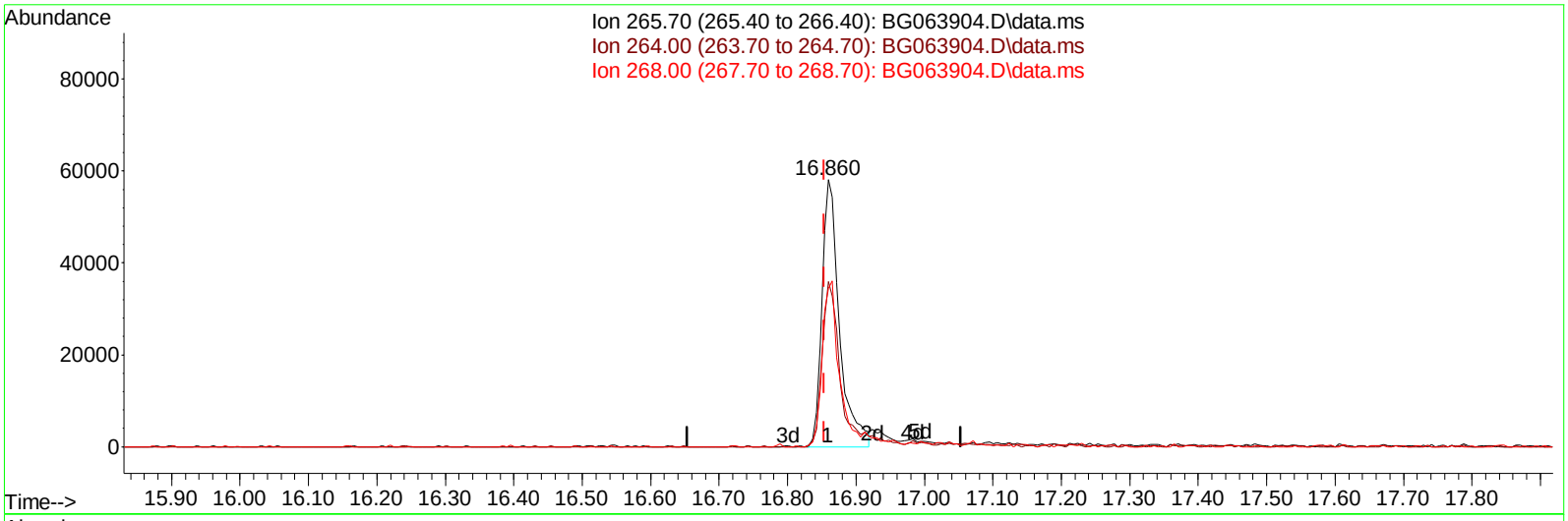
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063904.D
Acq On : 28 Dec 2024 14:44
Operator : RC/JU
Sample : PB165892BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

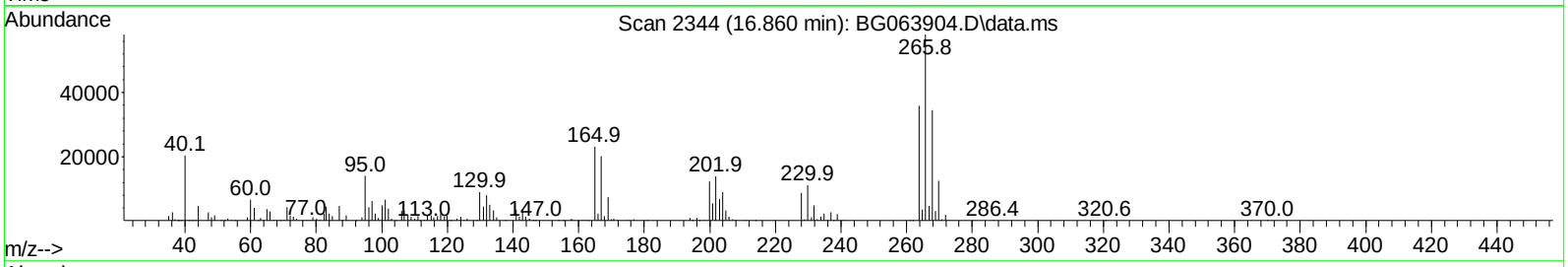
Quant Time: Dec 29 23:25:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

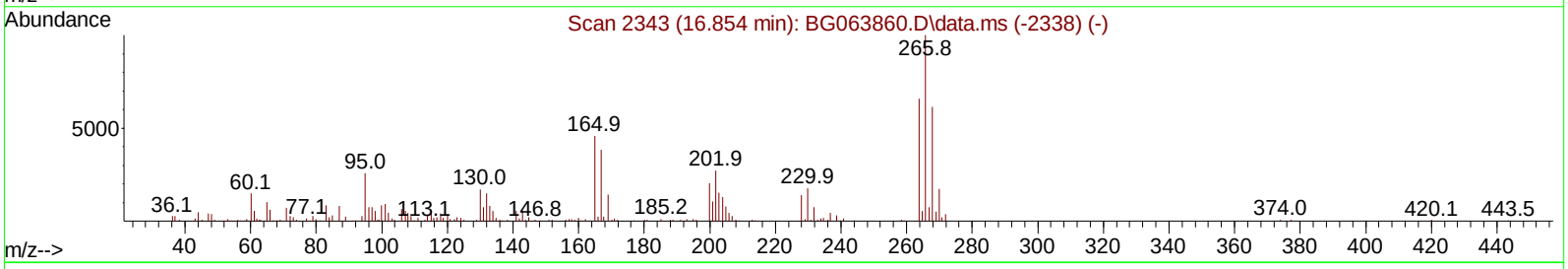
Instrument :
BNA_G
ClientSampleId :
SLCS892

Manual IntegrationsAPPROVED

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







TIC: BG063904.D\data.ms

(71) Pentachlorophenol (C)

16.860min (+ 0.006) 35.26 ng/ul

response 103426

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	61.89
268.00	63.10	59.28
0.00	0.00	0.00

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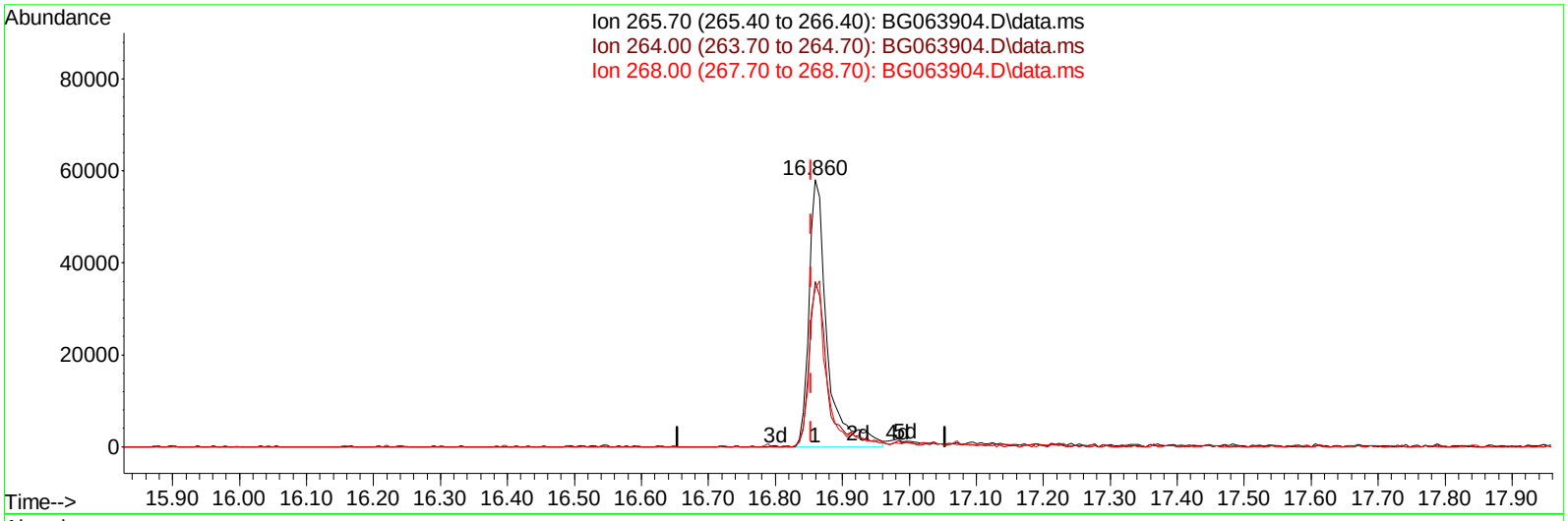

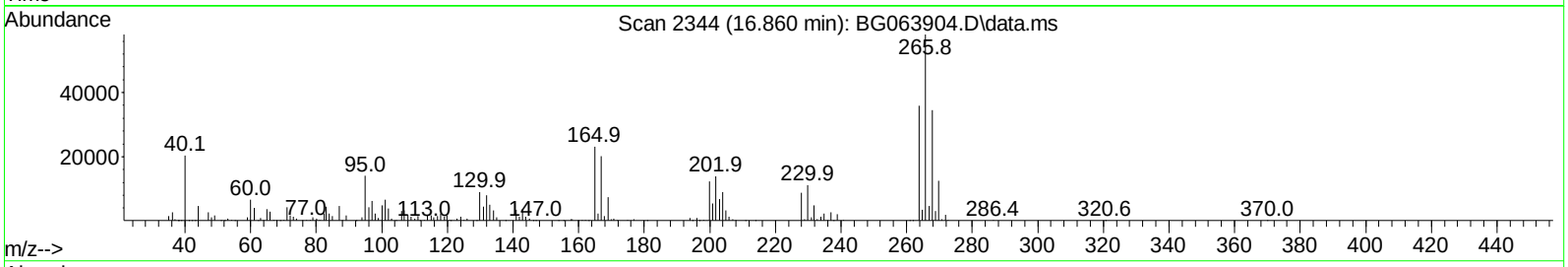

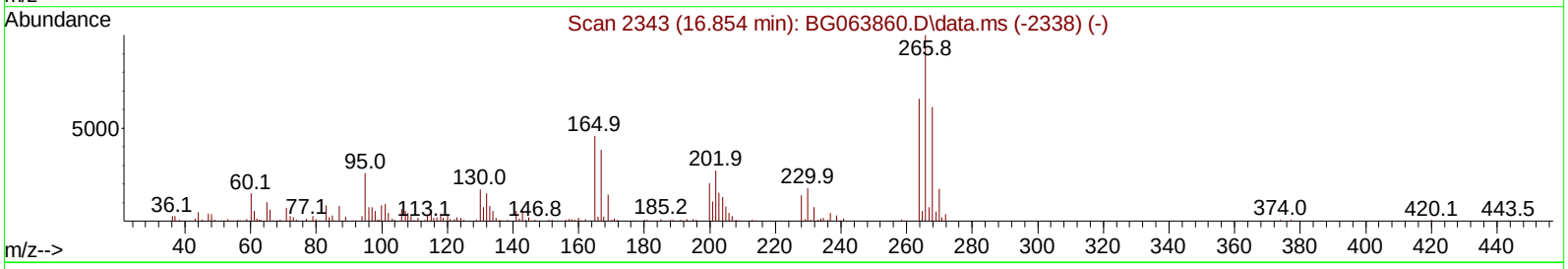

TIC: BG063904.D\data.ms

(71) Pentachlorophenol (C)

16.860min (+ 0.006) 37.34 ng/ul m

response 109523

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	61.60	61.89
268.00	63.10	59.28
0.00	0.00	0.00

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Operator : RC/JU
Sample : PB165892BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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ClientSampleId :
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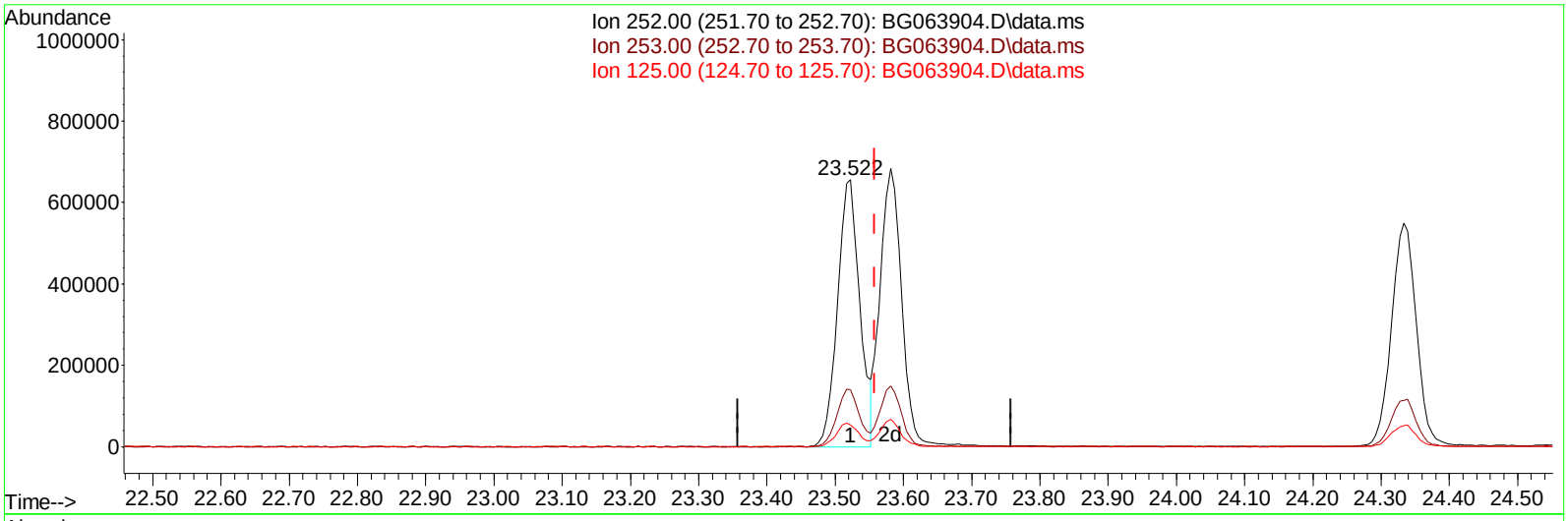

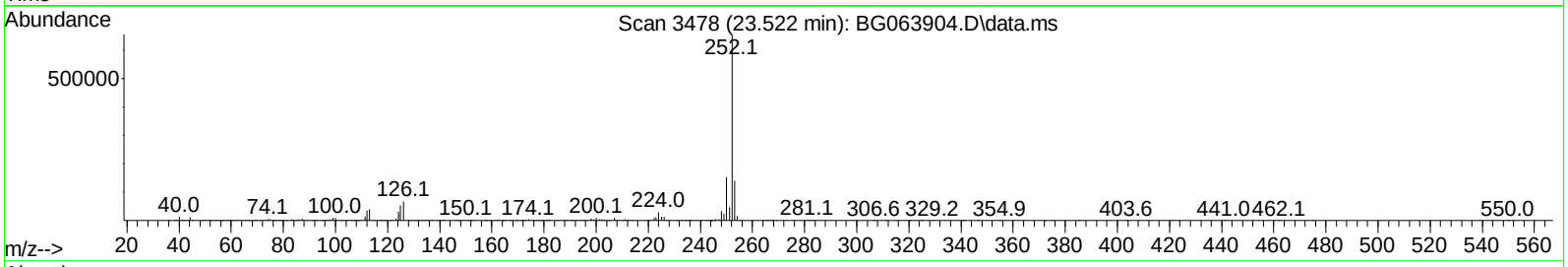

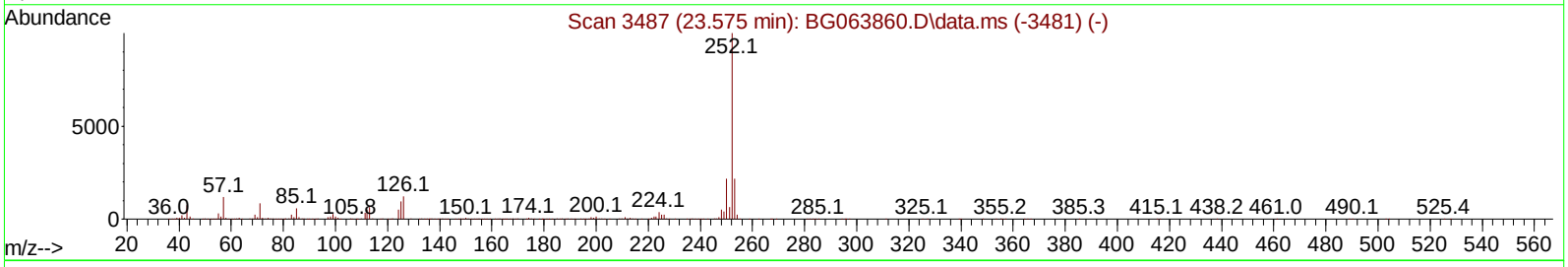

TIC: BG063904.D\data.ms

(91) Benzo(k)fluoranthene

23.522min (-0.035) 39.65 ng/ul

response 1493927

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.26
125.00	8.10	8.24
0.00	0.00	0.00

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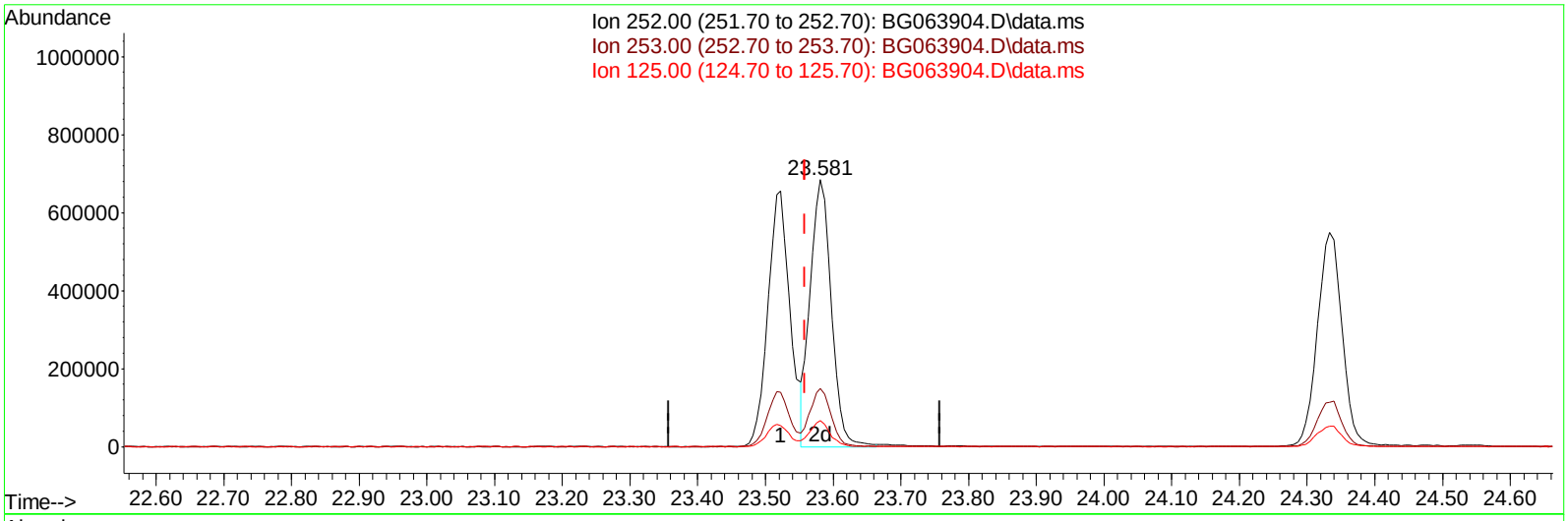

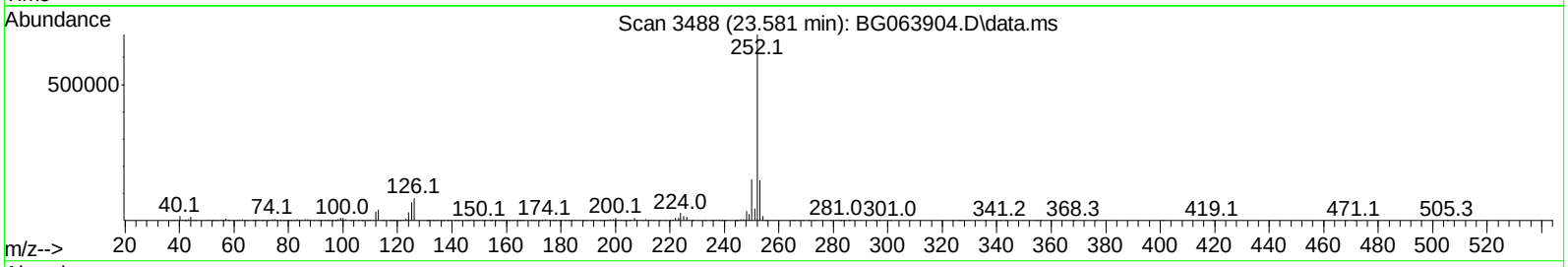

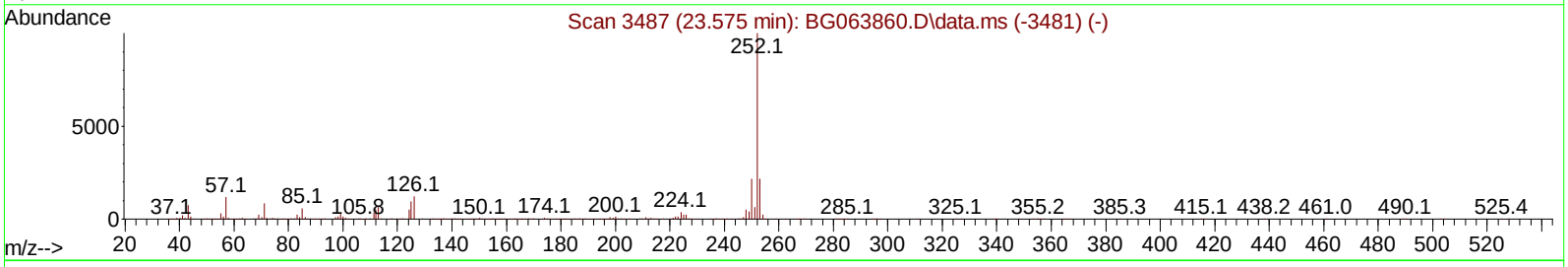

TIC: BG063904.D\data.ms

(91) Benzo(k)fluoranthene

23.581min (+ 0.024) 39.48 ng/ul m

response 1487552

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.82
125.00	8.10	9.78#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Dec 30 00:16:37 2024
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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	7.800	152	88880	20.000	ng/ul	0.00
20) Naphthalene-d8	10.591	136	361564	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	263846	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	609232	20.000	ng/ul	0.00
79) Chrysene-d12	21.448	240	630280	20.000	ng/ul	0.01
88) Perylene-d12	24.468	264	664541	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	16400	7.231	ng/uL	0.00
4) Pyridine-d5	3.675	84	276036	38.581	ng/ul	0.01
7) Phenol-d5	6.989	99	309472	37.806	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	194416	34.388	ng/ul	0.00
11) 2-Chlorophenol-d4	7.341	132	204186	38.529	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	231271	36.390	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	99766	38.645	ng/ul	0.00
24) 2-Nitrophenol-d4	9.674	143	115560	39.933	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.220	165	231423	41.305	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	248314	34.905	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	666860	37.144	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	787647	38.486	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	101172	39.772	ng/ul	0.01
60) Fluorene-d10	15.438	176	601675	37.904	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	112326	35.511	ng/ul	0.01
73) Anthracene-d10	17.294	188	1049328	40.061	ng/ul	0.00
81) Pyrene-d10	19.598	212	1275944	38.903	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.269	264	1236632	39.627	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	37319	13.904	ng/uL#	95
5) Pyridine	3.693	79	291506	38.038	ng/ul	93
6) Benzaldehyde	6.942	77	45631	9.088	ng/ul	90
8) Phenol	7.012	94	328148	37.614	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.224	93	237711	35.613	ng/ul	98
12) 2-Chlorophenol	7.371	128	210275	39.199	ng/ul	98
13) 2-Methylphenol	8.252	108	235423	37.337	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.317	45	356912	36.018	ng/ul	99
16) Acetophenone	8.616	105	367207	34.065	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.605	70	215139	33.448	ng/ul	93
18) 4-Methylphenol	8.587	108	253485	36.732	ng/ul	97
19) Hexachloroethane	8.869	117	90736	34.424	ng/ul	99
22) Nitrobenzene	8.998	77	317421	36.820	ng/ul	99
23) Isophorone	9.515	82	573337	35.199	ng/ul	97
25) 2-Nitrophenol	9.703	139	119883	40.310	ng/ul	88
26) 2,4-Dimethylphenol	9.774	107	258507	38.305	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.997	93	327756	37.202	ng/ul	98
29) 2,4-Dichlorophenol	10.250	162	227884	40.934	ng/ul	99
30) Naphthalene	10.638	128	678003	37.506	ng/ul	100
32) 4-Chloroaniline	10.755	127	146480	21.641	ng/ul	100
33) Hexachlorobutadiene	10.920	225	156588	34.622	ng/ul	98
34) Caprolactam	11.507	113	72096	37.464	ng/ul	92
35) 4-Chloro-3-methylphenol	11.901	107	246379	37.697	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.253	142	466046	35.871	ng/ul	93
37) 1-Methylnaphthalene	12.477	142	476439	36.001	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.629	216	293383	34.734	ng/ul	99
40) Hexachlorocyclopentadiene	12.606	237	55993	16.769	ng/ul	97
41) 2,4,6-Trichlorophenol	12.876	196	191167	40.045	ng/ul	98
42) 2,4,5-Trichlorophenol	12.958	196	197681	39.678	ng/ul	92
43) 1,1'-Biphenyl	13.270	154	649846	37.347	ng/ul	94
44) 2-Chloronaphthalene	13.311	162	520045	37.219	ng/ul	98
45) 2-Nitroaniline	13.522	65	185568	39.649	ng/ul	93
47) Dimethylphthalate	13.898	163	663139	36.855	ng/ul	98
48) 2,6-Dinitrotoluene	14.022	165	137184	41.052	ng/ul	94
50) Acenaphthylene	14.163	152	816110	37.189	ng/ul	98
51) 3-Nitroaniline	14.357	138	134754	43.615	ng/ul	86
52) Acenaphthene	14.509	153	582470	37.448	ng/ul	96
53) 2,4-Dinitrophenol	14.580	184	50773	29.731	ng/ul	93
55) 4-Nitrophenol	14.692	109	86786	32.856	ng/ul	94
56) Dibenzofuran	14.844	168	834167	38.040	ng/ul	98
57) 2,4-Dinitrotoluene	14.821	165	203608	41.005	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.085	232	169951	39.573	ng/ul#	91
59) Diethylphthalate	15.267	149	657861	37.820	ng/ul	98
61) Fluorene	15.497	166	660153	37.702	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.491	204	352629	36.148	ng/ul	96
63) 4-Nitroaniline	15.526	138	148620	48.049	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.591	198	117259	35.983	ng/ul	93
67) N-Nitrosodiphenylamine	15.708	169	580284	39.334	ng/ul	98
68) 4-Bromophenyl-phenylether	16.384	248	236085	38.024	ng/ul	98
69) Hexachlorobenzene	16.507	284	265116	38.111	ng/ul	97
70) Atrazine	16.660	200	244583	39.220	ng/ul	96
71) Pentachlorophenol	16.860	266	109523m	37.342	ng/ul	
72) Phenanthrene	17.242	178	1177983	40.124	ng/ul	98
74) Anthracene	17.330	178	1203196	40.491	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	295405	36.342	ng/ul	97
76) Pentachlorobenzene	14.768	250	300521	37.319	ng/ul	99
77) Carbazole	17.606	167	1067569	44.383	ng/ul	98
78) Di-n-butylphthalate	18.164	149	1238661	42.640	ng/ul	99
80) Fluoranthene	19.263	202	1461437	39.203	ng/ul	97
82) Pyrene	19.627	202	1564697	39.452	ng/ul#	95
83) Butylbenzylphthalate	20.520	149	554896	45.577	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.354	252	464168	40.796	ng/ul#	94
85) Benzo(a)anthracene	21.437	228	1516869	38.402	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.343	149	812215	45.861	ng/ul	97
87) Chrysene	21.495	228	1459937	38.779	ng/ul	99
89) Di-n-octyl phthalate	22.483	149	1397711	48.730	ng/ul	100
90) Benzo(b)fluoranthene	23.522	252	1493927	39.554	ng/ul	98
91) Benzo(k)fluoranthene	23.581	252	1487552m	39.484	ng/ul	
93) Benzo(a)pyrene	24.333	252	1396278	39.385	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.888	276	1741985	40.235	ng/ul#	96
95) Dibenzo(a,h)anthracene	27.935	278	1392432	40.194	ng/ul	95
96) Benzo(g,h,i)perylene	28.957	276	1347895	39.234	ng/ul	96

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

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