Quantitation Report (Qedit)

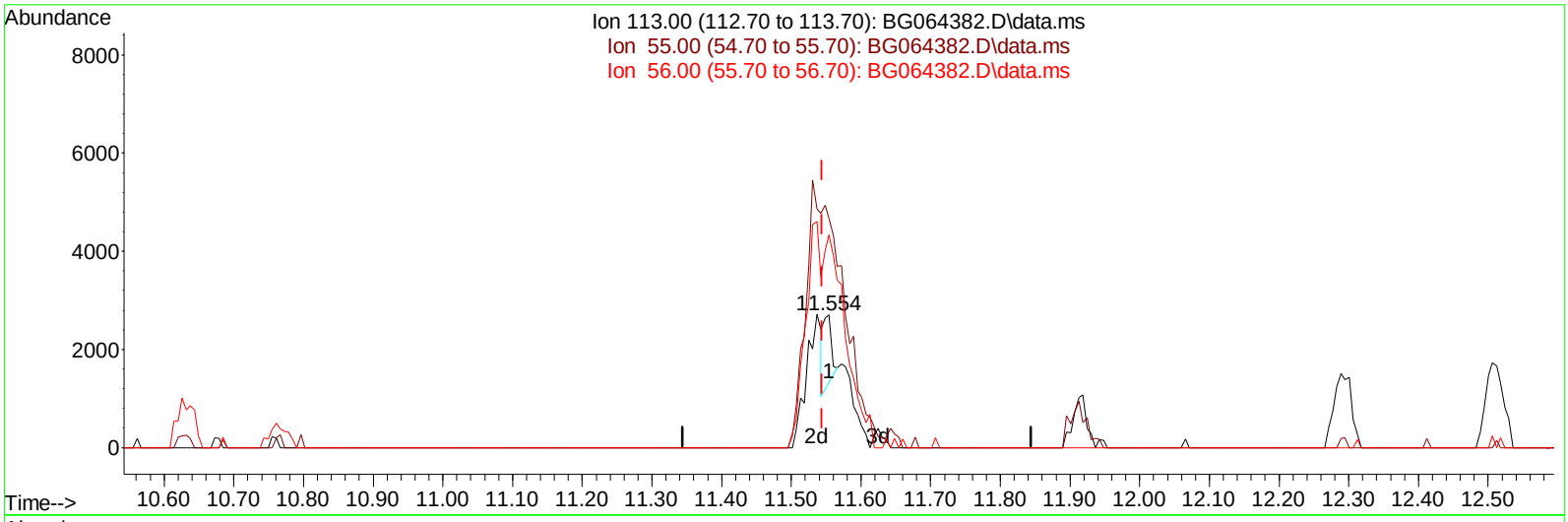
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064382.D
Acq On : 16 Sep 2025 12:36
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

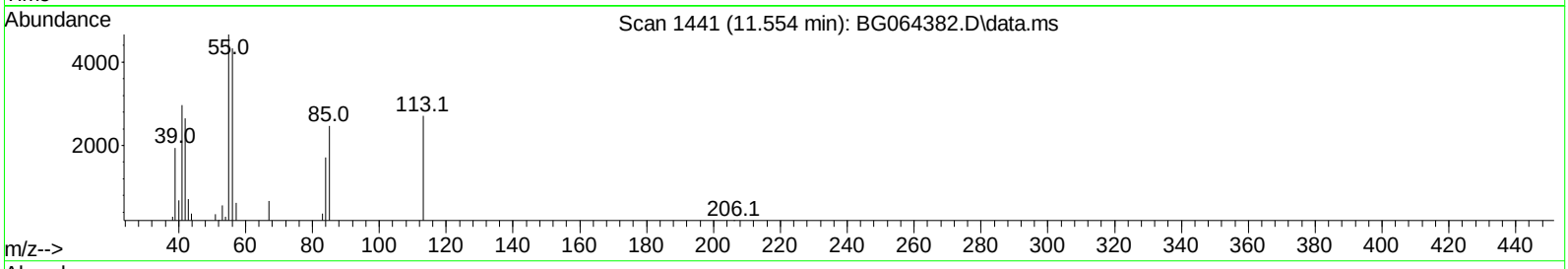
Quant Time: Sep 16 14:36:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration

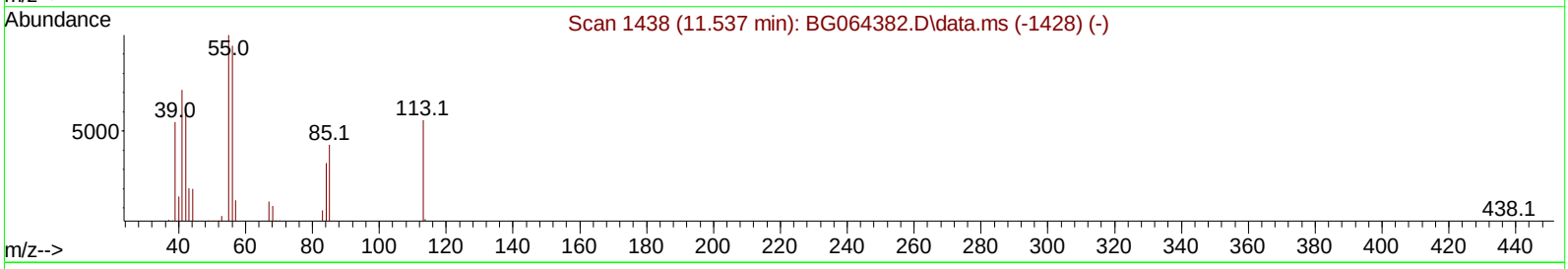
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025







TIC: BG064382.D\data.ms

(34) Caprolactam

11.554min (+ 0.010) 1.85 ng/ul

response 1172

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.40	172.10
56.00	138.90	160.04
0.00	0.00	0.00

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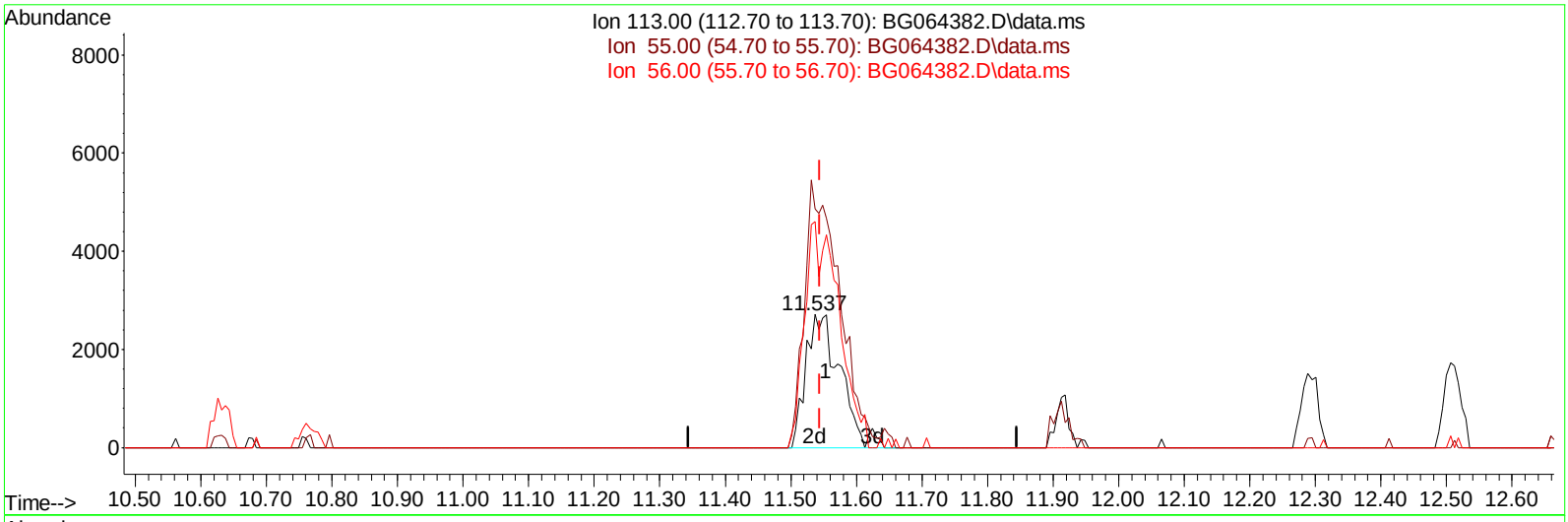

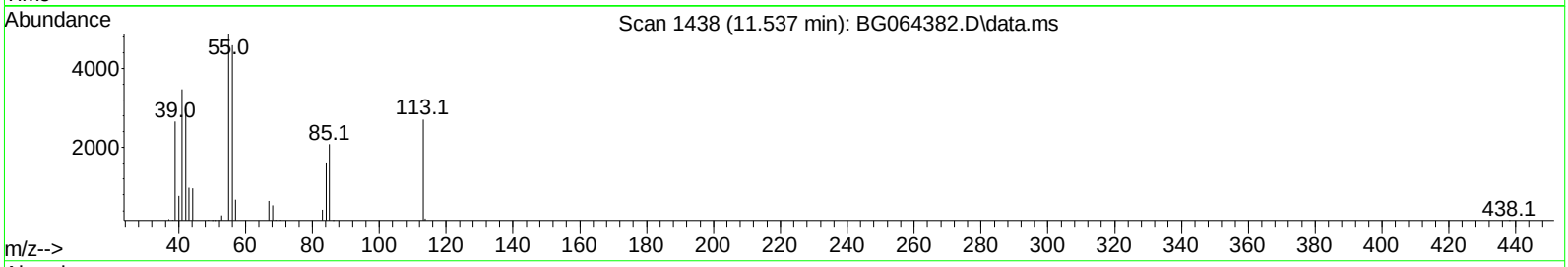

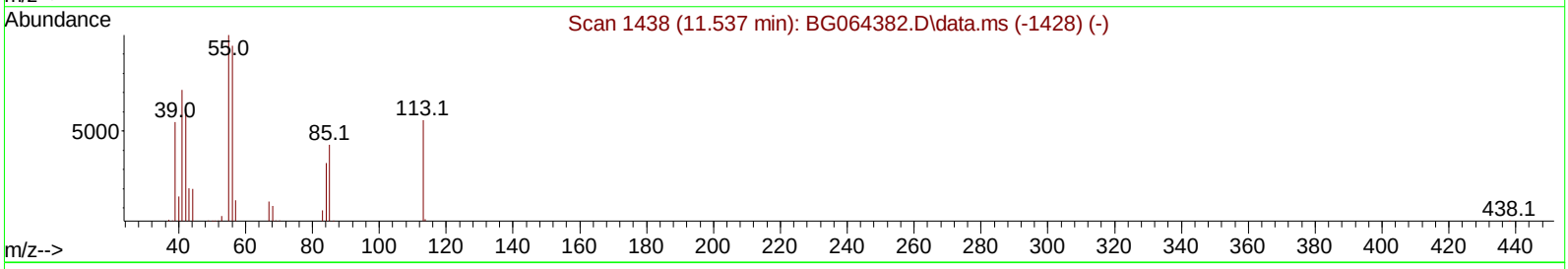

TIC: BG064382.D\data.ms

(34) Caprolactam

11.537min (-0.008) 15.73 ng/ul m

response 9946

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.40	179.23
56.00	138.90	169.50#
0.00	0.00	0.00

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LabSampleId :
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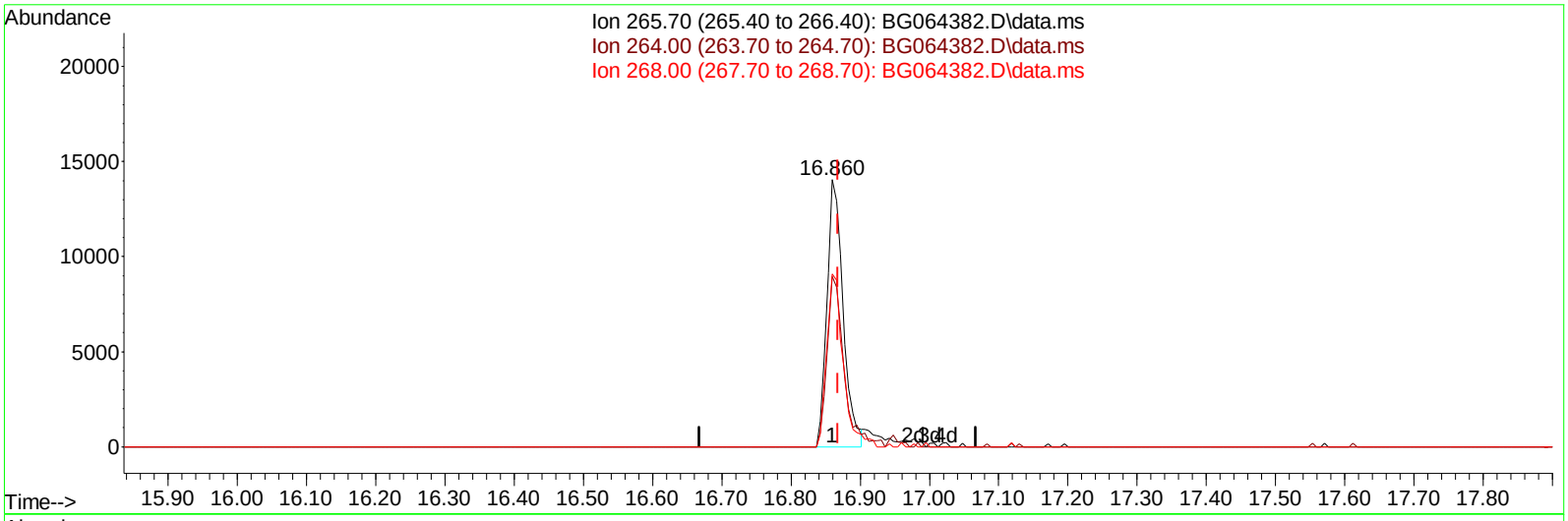

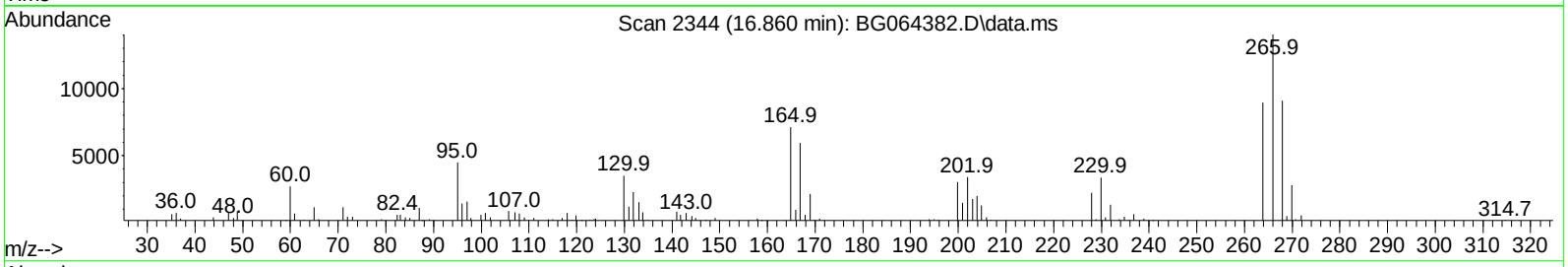

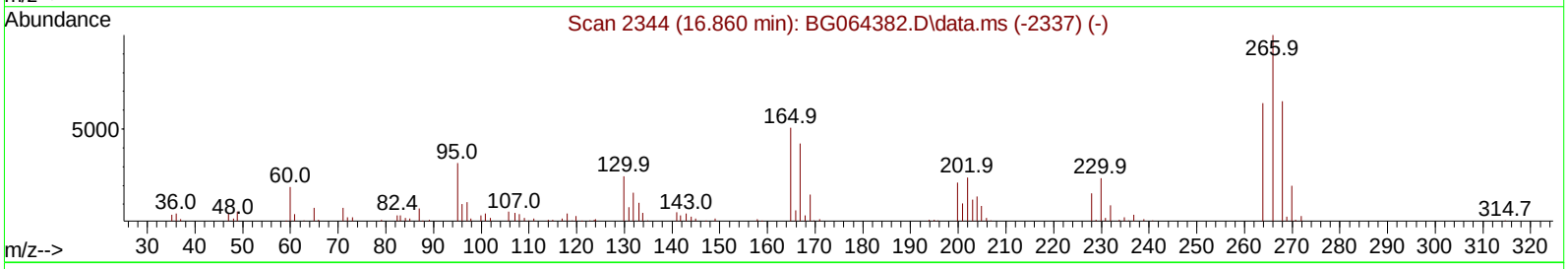

TIC: BG064382.D\data.ms

(71) Pentachlorophenol (C)

16.860min (-0.008) 16.34 ng/ul

response 22621

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	64.70	63.76
268.00	64.30	64.70
0.00	0.00	0.00

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Sample : SSTDCCC020
Misc :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
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Manual IntegrationsAPPROVED

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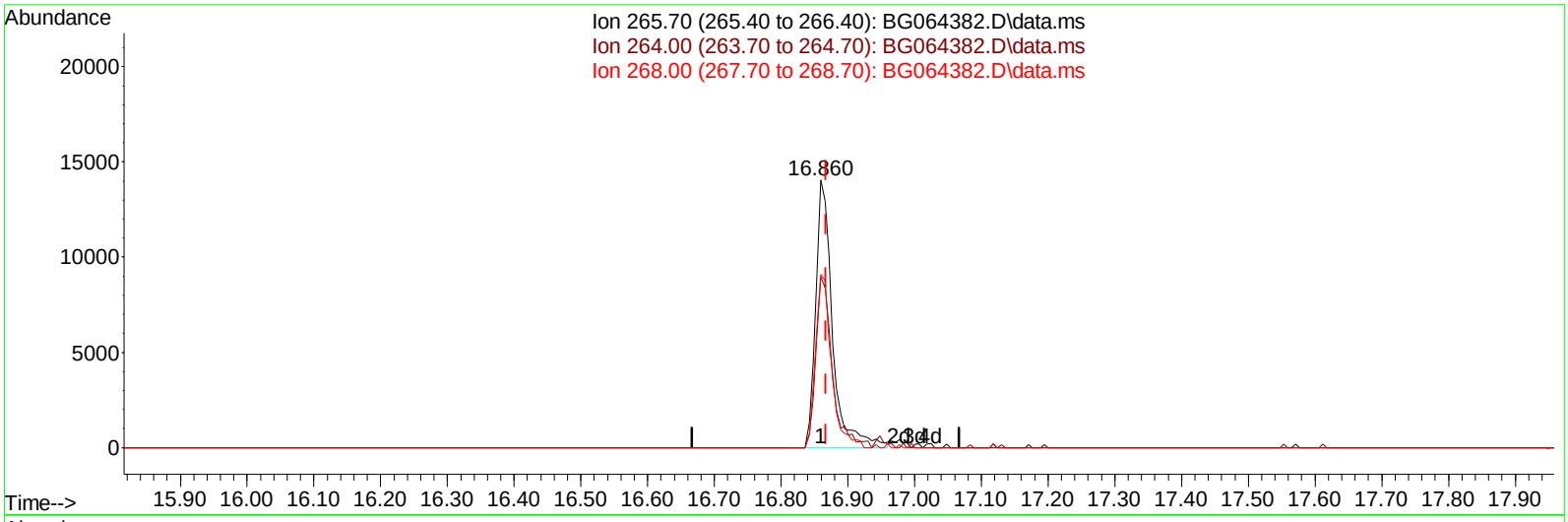

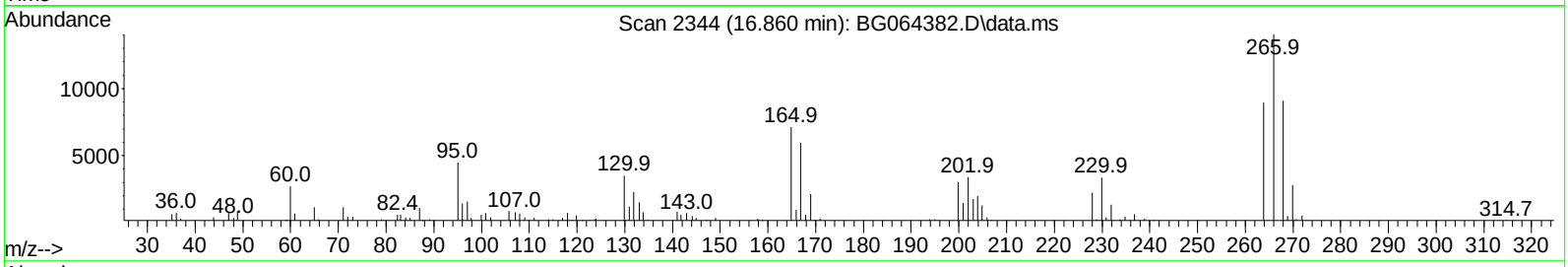

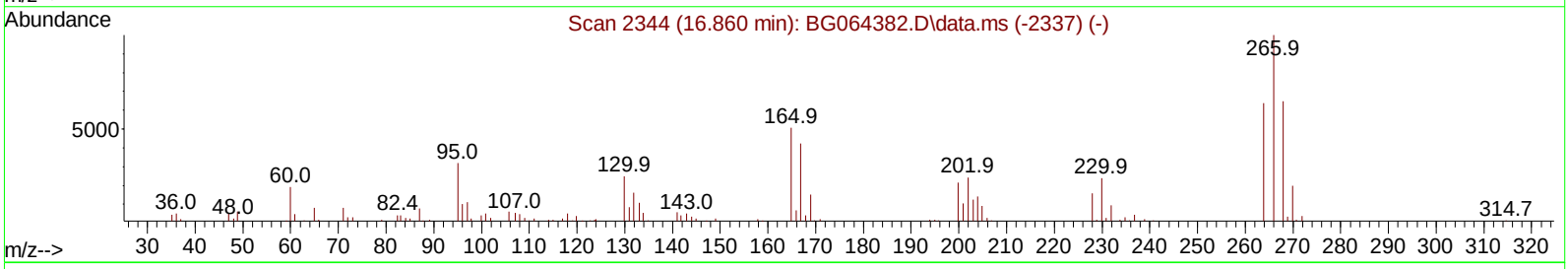

TIC: BG064382.D\data.ms

(71) Pentachlorophenol (C)

16.860min (-0.008) 17.64 ng/ul m

response 24415

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	64.70	63.76
268.00	64.30	64.70
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 09/17/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	21584	20.000	ng/ul	0.00
20) Naphthalene-d8	10.632	136	95980	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.468	164	73627	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.206	188	163261	20.000	ng/ul	0.00
79) Chrysene-d12	21.437	240	172860	20.000	ng/ul	0.00
88) Perylene-d12	24.439	264	196198	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	3318	8.075	ng/uL	0.00
4) Pyridine-d5	3.716	84	24843	20.724	ng/ul	0.00
7) Phenol-d5	7.012	99	35289	20.002	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.177	67	19718	21.417	ng/ul	0.00
11) 2-Chlorophenol-d4	7.377	132	29517	20.919	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	32427	20.201	ng/ul	0.00
21) Nitrobenzene-d5	8.992	128	15731	20.888	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	19029	20.714	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.256	165	35572	20.824	ng/ul	0.00
31) 4-Chloroaniline-d4	10.767	131	44721	19.366	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	119750	18.250	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	127376	20.091	ng/ul	0.00
54) 4-Nitrophenol-d4	14.668	143	17291	16.818	ng/ul	0.00
60) Fluorene-d10	15.461	176	102707	19.292	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	22444	19.273	ng/ul	0.00
73) Anthracene-d10	17.306	188	159114	19.537	ng/ul	0.00
81) Pyrene-d10	19.592	212	179451	18.431	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.233	264	200998	19.877	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	4152	9.038	ng/uL#	81
5) Pyridine	3.740	79	26044	20.604	ng/ul	96
6) Benzaldehyde	6.983	77	22257	27.128	ng/ul	92
8) Phenol	7.036	94	34957	19.345	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.265	93	25241	20.227	ng/ul	92
12) 2-Chlorophenol	7.412	128	31424	21.423	ng/ul	96
13) 2-Methylphenol	8.282	108	29727	19.828	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.370	45	46778	20.134	ng/ul#	96
16) Acetophenone	8.663	105	51938	20.353	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.646	70	24861	20.713	ng/ul	84
18) 4-Methylphenol	8.611	108	32218	19.981	ng/ul	89
19) Hexachloroethane	8.922	117	13617	21.056	ng/ul	95
22) Nitrobenzene	9.040	77	37672	20.138	ng/ul	92
23) Isophorone	9.562	82	69449	19.305	ng/ul	97
25) 2-Nitrophenol	9.745	139	17656	20.047	ng/ul	93
26) 2,4-Dimethylphenol	9.809	107	39519	20.237	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.044	93	36842	20.228	ng/ul	95
29) 2,4-Dichlorophenol	10.279	162	32219	20.673	ng/ul	93
30) Naphthalene	10.679	128	107967	20.663	ng/ul	97
32) 4-Chloroaniline	10.785	127	43624	19.166	ng/ul	99
33) Hexachlorobutadiene	10.973	225	29971	21.405	ng/ul#	88
34) Caprolactam	11.537	113	9946m	15.735	ng/ul	
35) 4-Chloro-3-methylphenol	11.913	107	37503	19.449	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.289	142	81566	20.505	ng/ul	100
37) 1-Methylnaphthalene	12.506	142	81181	20.536	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.659	216	49300	21.130	ng/ul	96
40) Hexachlorocyclopentadiene	12.641	237	32470	20.205	ng/ul	91
41) 2,4,6-Trichlorophenol	12.900	196	30187	20.196	ng/ul	94
42) 2,4,5-Trichlorophenol	12.976	196	32541	20.351	ng/ul#	87
43) 1,1'-Biphenyl	13.299	154	111286	20.472	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	84113	21.088	ng/ul	96
45) 2-Nitroaniline	13.546	65	27226	19.009	ng/ul	91
47) Dimethylphthalate	13.922	163	110666	18.152	ng/ul#	95
48) 2,6-Dinitrotoluene	14.040	165	23038	19.751	ng/ul#	96
50) Acenaphthylene	14.192	152	139719	20.487	ng/ul	98
51) 3-Nitroaniline	14.369	138	18992	19.087	ng/ul	92
52) Acenaphthene	14.533	153	93533	20.197	ng/ul	99
53) 2,4-Dinitrophenol	14.580	184	10991	13.991	ng/ul	89
55) 4-Nitrophenol	14.680	109	23221	17.047	ng/ul	94
56) Dibenzofuran	14.868	168	133292	19.433	ng/ul	90
57) 2,4-Dinitrotoluene	14.827	165	35894	19.087	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.091	232	32114	19.092	ng/ul	94
59) Diethylphthalate	15.291	149	112263	16.817	ng/ul	94
61) Fluorene	15.514	166	113432	19.502	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.514	204	59200	19.303	ng/ul	93
63) 4-Nitroaniline	15.532	138	18552	18.152	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.591	198	22946	19.387	ng/ul	99
67) N-Nitrosodiphenylamine	15.720	169	93640	21.015	ng/ul	94
68) 4-Bromophenyl-phenylether	16.401	248	40261	21.018	ng/ul	96
69) Hexachlorobenzene	16.519	284	44986	20.836	ng/ul	93
70) Atrazine	16.672	200	40375	18.375	ng/ul	98
71) Pentachlorophenol	16.860	266	24415m	17.640	ng/ul	
72) Phenanthrene	17.253	178	174571	19.674	ng/ul	99
74) Anthracene	17.342	178	181306	20.073	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.270	216	51465	23.264	ng/ul	100
76) Pentachlorobenzene	14.786	250	54461	22.504	ng/ul	96
77) Carbazole	17.612	167	146607	18.693	ng/ul	97
78) Di-n-butylphthalate	18.176	149	176419	18.119	ng/ul	97
80) Fluoranthene	19.263	202	203761	18.503	ng/ul	99
82) Pyrene	19.621	202	215989	19.042	ng/ul	99
83) Butylbenzylphthalate	20.520	149	82662	18.639	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.343	252	81919	22.566	ng/ul#	91
85) Benzo(a)anthracene	21.419	228	235915	20.353	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.343	149	123345	19.387	ng/ul	99
87) Chrysene	21.478	228	216746	19.869	ng/ul	98
89) Di-n-octyl phthalate	22.477	149	210815	18.874	ng/ul	100
90) Benzo(b)fluoranthene	23.487	252	227436	19.274	ng/ul#	97
91) Benzo(k)fluoranthene	23.552	252	237593	20.237	ng/ul	95
93) Benzo(a)pyrene	24.298	252	218045	19.892	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.806	276	276607	19.518	ng/ul	97
95) Dibenzo(a,h)anthracene	27.859	278	230652	20.200	ng/ul	95
96) Benzo(g,h,i)perylene	28.857	276	225881	19.525	ng/ul#	94

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

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