Quantitation Report (Qedit)

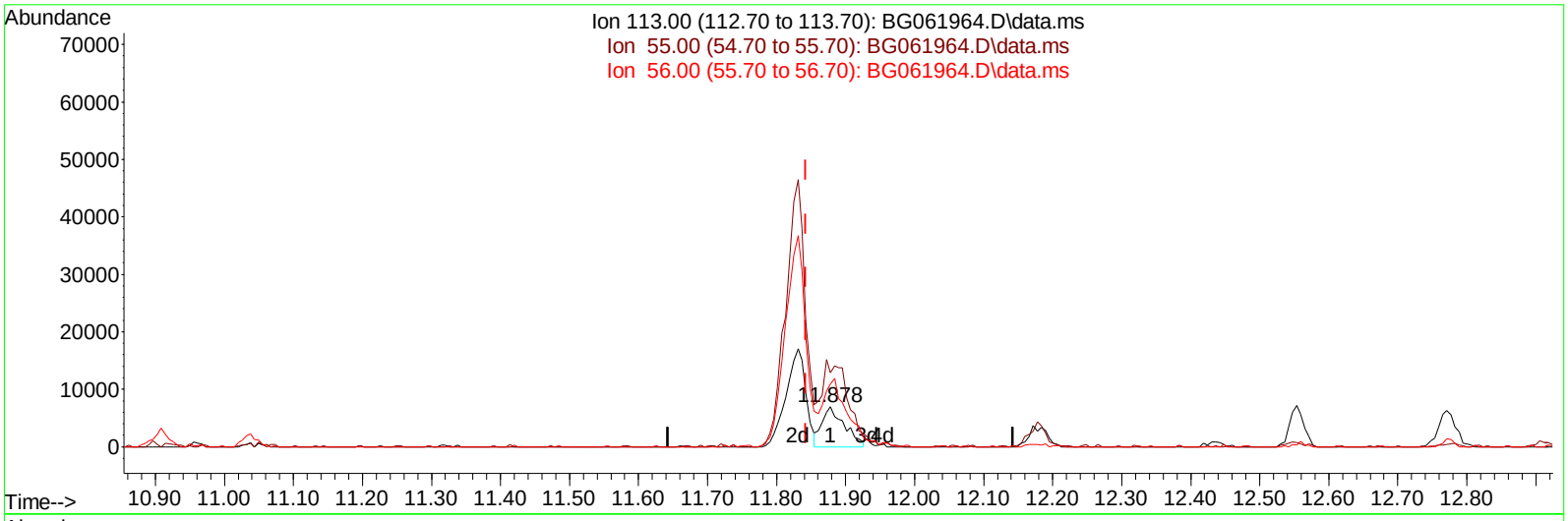
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070824\
Data File : BG061964.D
Acq On : 9 Jul 2024 6:21
Operator : MA/JU
Sample : PB161753BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

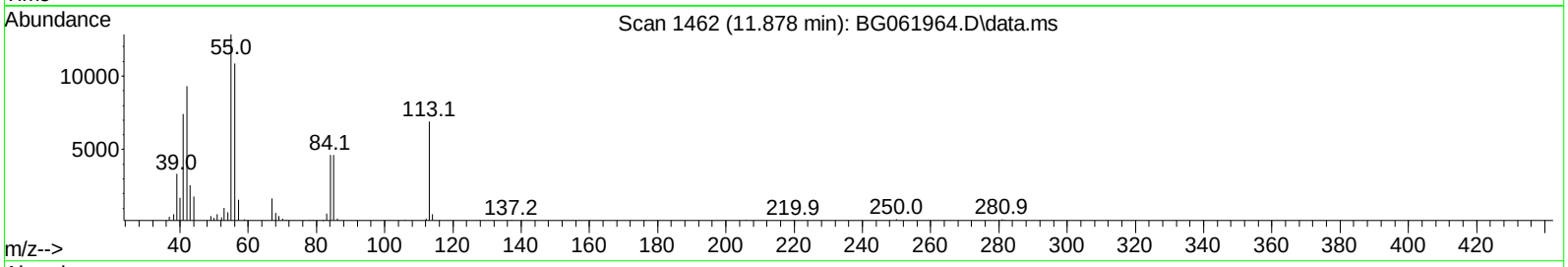
Quant Time: Jul 09 06:54:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration

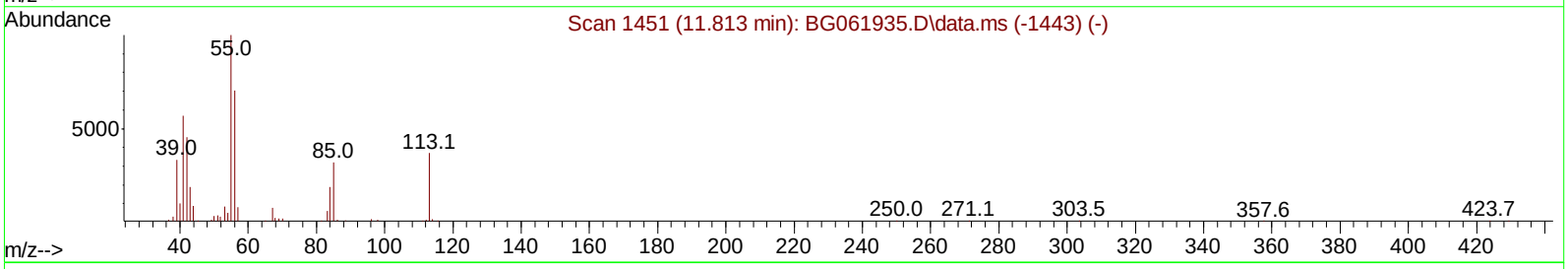
Instrument :
BNA_G
ClientSampleId :
SLCS753

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/09/2024
Supervised By :mohammad ahmed 07/10/2024







TIC: BG061964.D\data.ms

(34) Caprolactam

11.878min (+ 0.035) 10.45 ng/ul

response 15634

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	185.32
56.00	168.80	156.87
0.00	0.00	0.00

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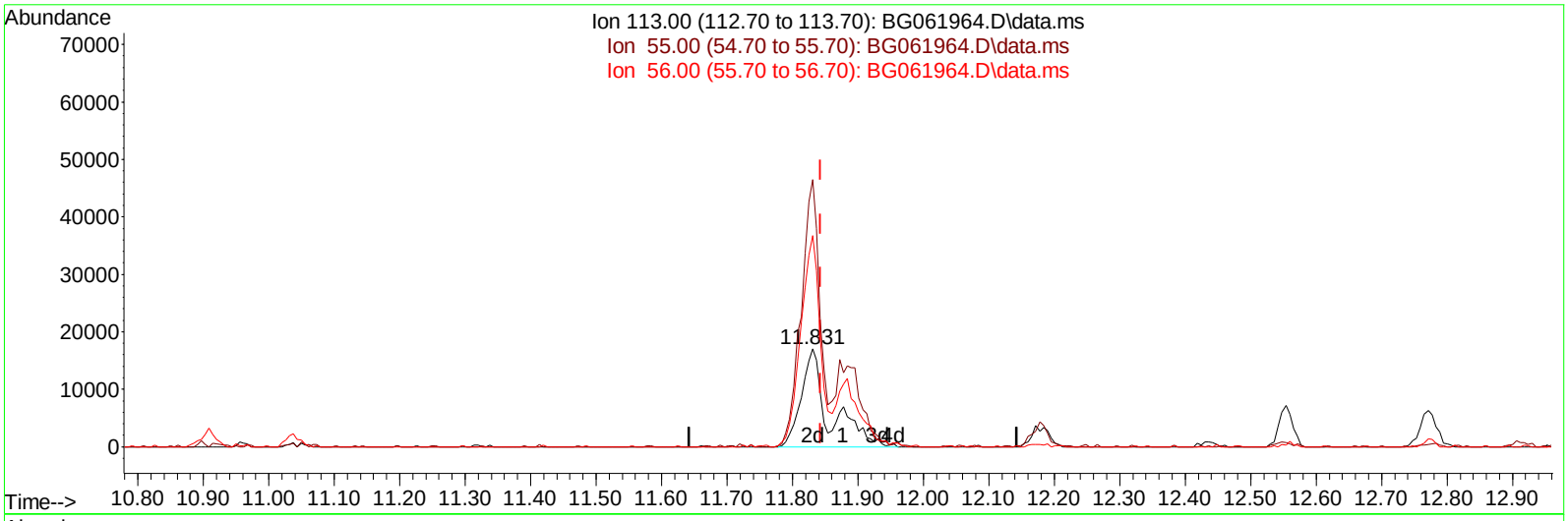

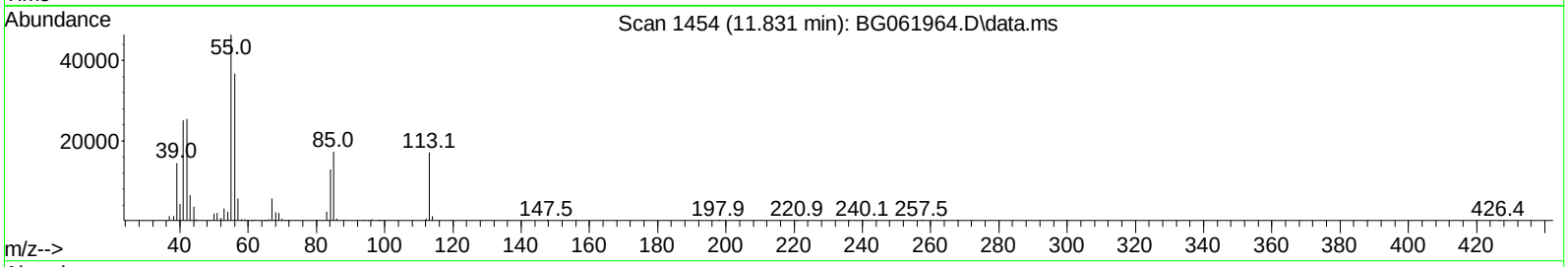

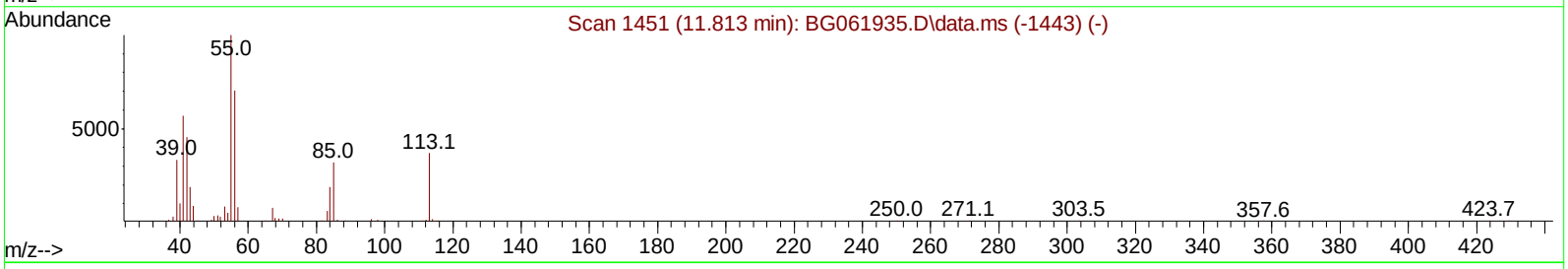

TIC: BG061964.D\data.ms

(34) Caprolactam

11.831min (-0.012) 33.95 ng/ul m

response 50805

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	272.20
56.00	168.80	215.38#
0.00	0.00	0.00

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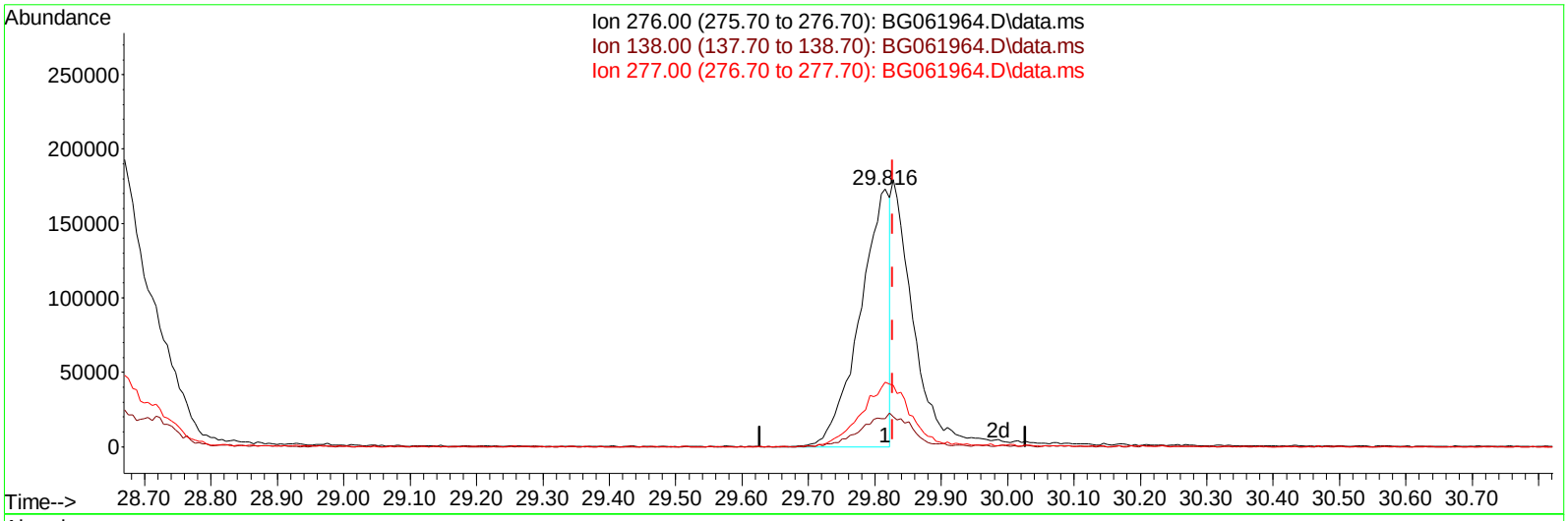

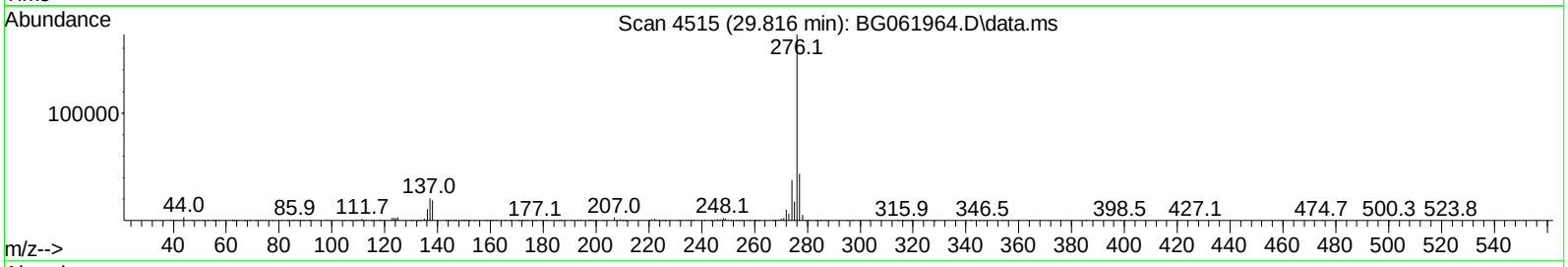

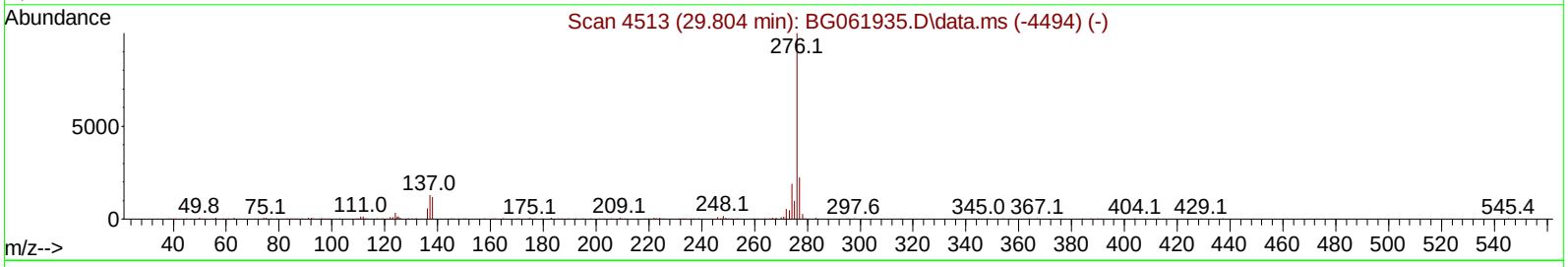

TIC: BG061964.D\data.ms

(96) Benzo(g,h,i)perylene

29.816min (-0.012) 19.64 ng/ul

response 537520

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	10.87#
277.00	23.50	25.04
0.00	0.00	0.00

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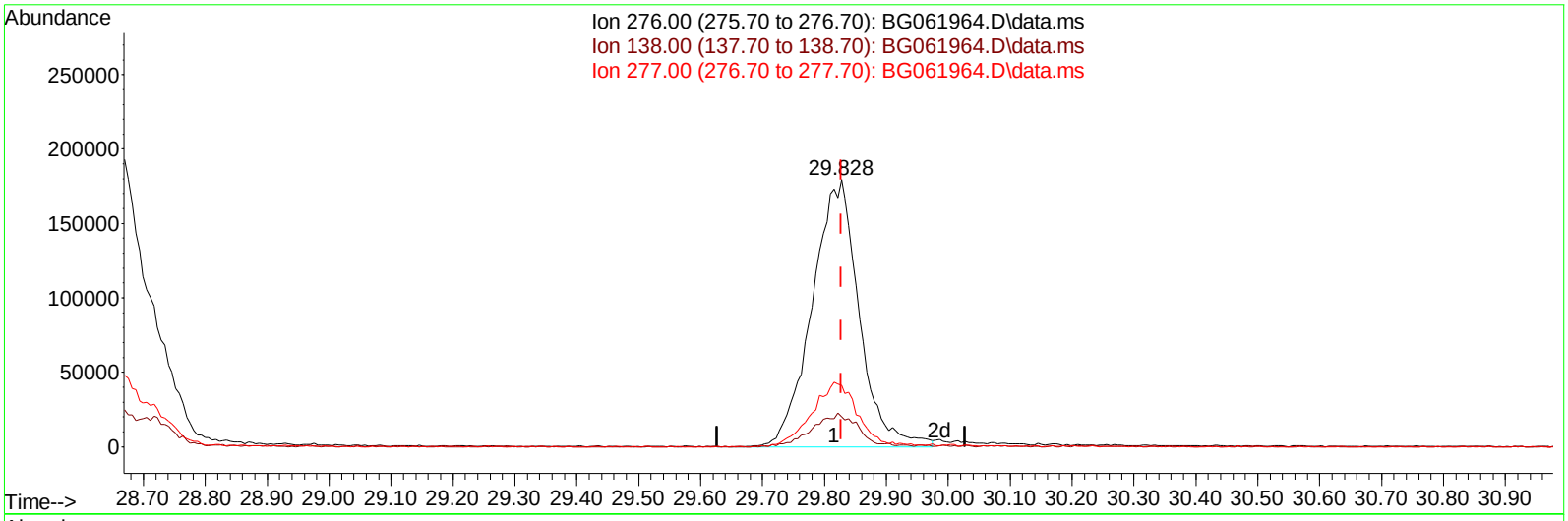

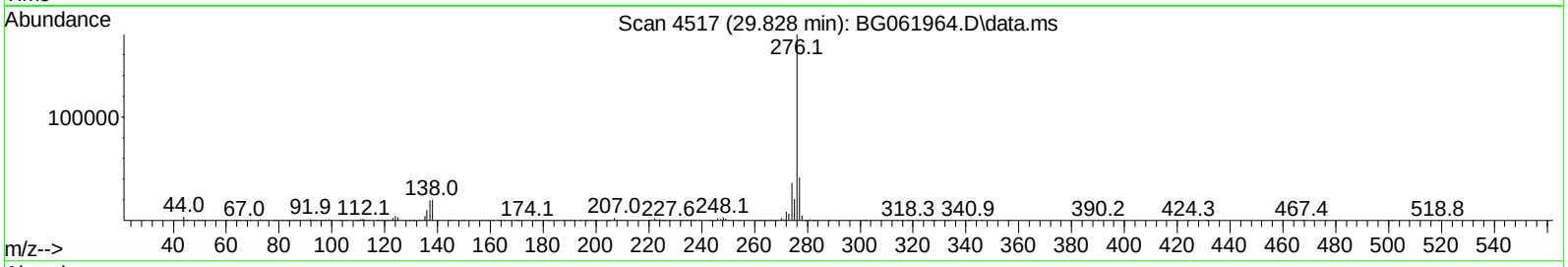

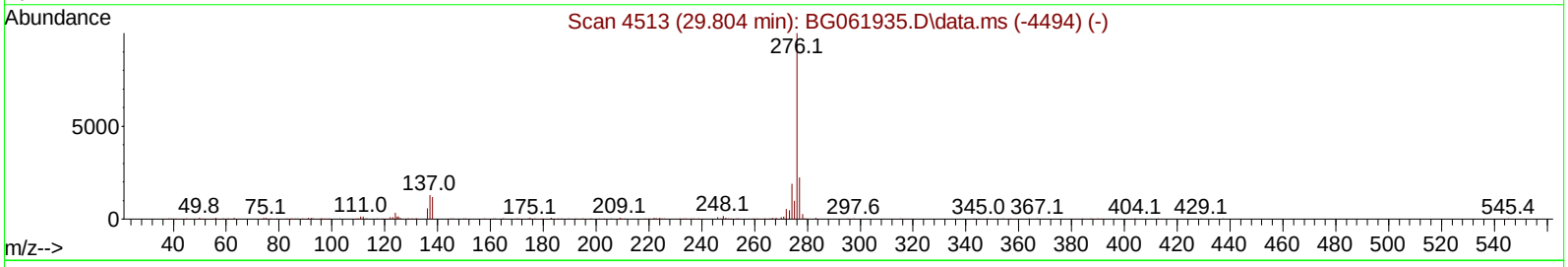

TIC: BG061964.D\data.ms

(96) Benzo(g,h,i)perylene

29.828min (+ 0.000) 34.60 ng/ul m

response 946839

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.90	11.20
277.00	23.50	23.06
0.00	0.00	0.00

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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	8.094	152	44564	20.000	ng/ul	0.00
20) Naphthalene-d8	10.909	136	242695	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	183003	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.460	188	428756	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.719	240	379310	20.000	ng/ul	# 0.00
88) Perylene-d12	24.957	264	451202	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.488	96	8349	7.040	ng/uL	0.00
4) Pyridine-d5	3.899	84	94374	25.882	ng/ul	0.00
7) Phenol-d5	7.248	99	158947	32.592	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.413	67	89516	28.985	ng/ul	0.00
11) 2-Chlorophenol-d4	7.624	132	111762	33.409	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	127156	33.115	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	60297	32.667	ng/ul	0.00
24) 2-Nitrophenol-d4	9.986	143	74164	35.185	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.521	165	143027	35.179	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.038	131	155486	26.342	ng/ul	0.00
46) Dimethylphthalate-d6	14.117	166	487143	32.378	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	531223	33.767	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	83001	34.545	ng/ul	0.00
60) Fluorene-d10	15.703	176	430297	33.973	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.826	200	91587	40.674	ng/ul	0.00
73) Anthracene-d10	17.560	188	659039	32.922	ng/ul	0.00
81) Pyrene-d10	19.833	212	760402	34.083	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.733	264	812691	36.318	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	12129	9.266	ng/uL#	81
5) Pyridine	3.917	79	96158	25.714	ng/ul	91
6) Benzaldehyde	7.230	77	78342	30.352	ng/ul	90
8) Phenol	7.272	94	164383	32.922	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.507	93	114244	29.784	ng/ul	98
12) 2-Chlorophenol	7.659	128	116681	34.236	ng/ul	96
13) 2-Methylphenol	8.535	108	120053	33.687	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.611	45	234598	27.995	ng/ul#	97
16) Acetophenone	8.917	105	202779	31.970	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.899	70	110593	31.145	ng/ul	89
18) 4-Methylphenol	8.864	108	136328	34.159	ng/ul	98
19) Hexachloroethane	9.175	117	47892	32.393	ng/ul	90
22) Nitrobenzene	9.305	77	172992	33.017	ng/ul	98
23) Isophorone	9.822	82	343882	29.052	ng/ul#	95
25) 2-Nitrophenol	10.015	139	73915	34.386	ng/ul	88
26) 2,4-Dimethylphenol	10.068	107	137667	26.760	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.303	93	179164	27.486	ng/ul	96
29) 2,4-Dichlorophenol	10.550	162	130660	34.212	ng/ul	91
30) Naphthalene	10.956	128	423326	31.754	ng/ul	98
32) 4-Chloroaniline	11.067	127	154443	26.665	ng/ul	100
33) Hexachlorobutadiene	11.232	225	93631	32.580	ng/ul#	85
34) Caprolactam	11.831	113	50805m	33.954	ng/ul	
35) 4-Chloro-3-methylphenol	12.183	107	185739	36.517	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.554	142	320559	33.190	ng/ul	99
37) 1-Methylnaphthalene	12.777	142	325947	32.475	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.918	216	188093	34.226	ng/ul	99
40) Hexachlorocyclopentadiene	12.889	237	79852	21.827	ng/ul	98
41) 2,4,6-Trichlorophenol	13.153	196	113635	31.131	ng/ul	97
42) 2,4,5-Trichlorophenol	13.229	196	134489	33.541	ng/ul	88
43) 1,1'-Biphenyl	13.552	154	454988	32.268	ng/ul#	97
44) 2-Chloronaphthalene	13.599	162	342859	32.399	ng/ul	93
45) 2-Nitroaniline	13.799	65	162134	38.259	ng/ul	94
47) Dimethylphthalate	14.169	163	468554	32.378	ng/ul	98
48) 2,6-Dinitrotoluene	14.293	165	102310	37.267	ng/ul	99
50) Acenaphthylene	14.446	152	550739	31.896	ng/ul	99
51) 3-Nitroaniline	14.622	138	96674	36.176	ng/ul	92
52) Acenaphthene	14.780	153	389800	32.694	ng/ul	95
53) 2,4-Dinitrophenol	14.827	184	57549	40.124	ng/ul	93
55) 4-Nitrophenol	14.927	109	108364	39.517	ng/ul#	88
56) Dibenzofuran	15.115	168	559682	33.214	ng/ul	97
57) 2,4-Dinitrotoluene	15.080	165	151505	37.631	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.339	232	112370	31.035	ng/ul#	98
59) Diethylphthalate	15.527	149	501129	32.135	ng/ul	96
61) Fluorene	15.762	166	468804	32.714	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.750	204	236779	32.894	ng/ul	89
63) 4-Nitroaniline	15.785	138	104686	38.607	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.838	198	95253	39.306	ng/ul#	93
67) N-Nitrosodiphenylamine	15.967	169	398275	34.014	ng/ul	96
68) 4-Bromophenyl-phenylether	16.643	248	175724	36.126	ng/ul	96
69) Hexachlorobenzene	16.760	284	199775	35.718	ng/ul	94
70) Atrazine	16.901	200	38772	8.388	ng/ul	98
71) Pentachlorophenol	17.101	266	91182	29.659	ng/ul	95
72) Phenanthrene	17.501	178	758624	33.556	ng/ul	98
74) Anthracene	17.595	178	758388	32.460	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.517	216	194145	36.458	ng/ul	94
76) Pentachlorobenzene	15.027	250	218397	35.958	ng/ul	96
77) Carbazole	17.859	167	672707	34.213	ng/ul	98
78) Di-n-butylphthalate	18.406	149	833643	33.023	ng/ul	99
80) Fluoranthene	19.504	202	874862	33.134	ng/ul#	94
82) Pyrene	19.863	202	922855	33.837	ng/ul	96
83) Butylbenzylphthalate	20.738	149	375067	32.767	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.614	252	321170	35.591	ng/ul	98
85) Benzo(a)anthracene	21.702	228	928577	33.812	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.596	149	519317	31.617	ng/ul#	99
87) Chrysene	21.766	228	879634	34.214	ng/ul	98
89) Di-n-octyl phthalate	22.812	149	926040	33.594	ng/ul	100
90) Benzo(b)fluoranthene	23.929	252	999700	35.167	ng/ul	98
91) Benzo(k)fluoranthene	23.999	252	965334	34.053	ng/ul#	94
93) Benzo(a)pyrene	24.810	252	858746	31.901	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.658	276	1233447	35.856	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.717	278	1020209	35.909	ng/ul	100
96) Benzo(g,h,i)perylene	29.828	276	946839m	34.598	ng/ul	

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

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