Quantitation Report (Qedit)

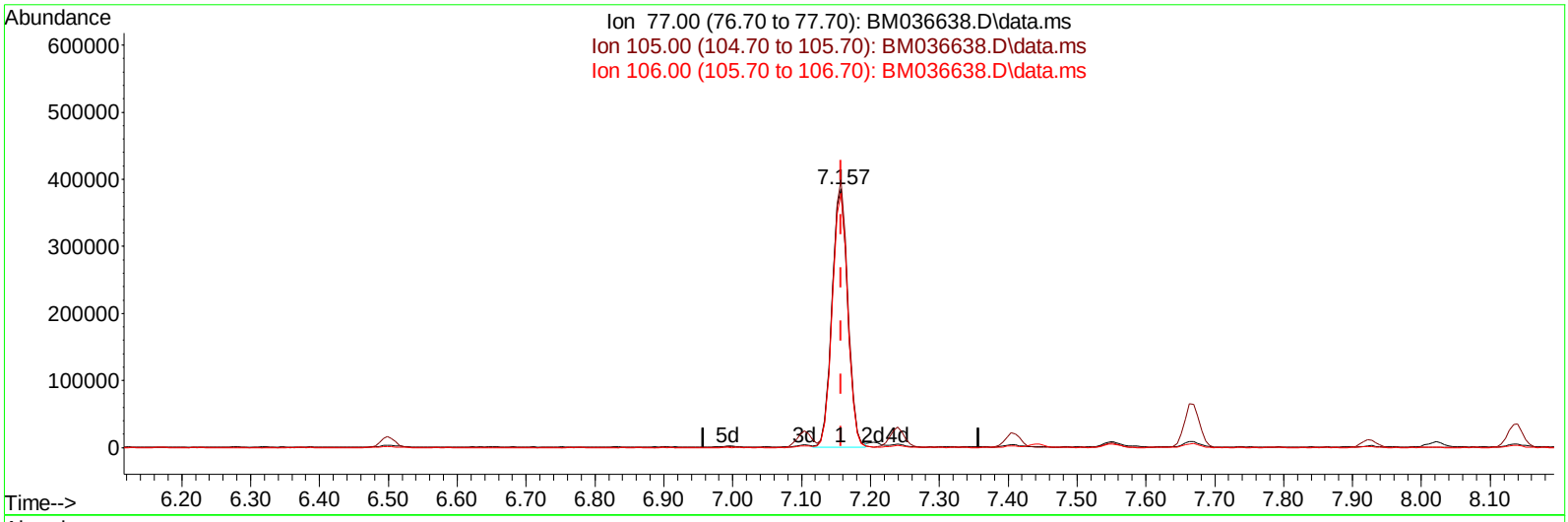
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036638.D
Acq On : 21 Sep 2022 23:35
Operator : CG/JU
Sample : N4605-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

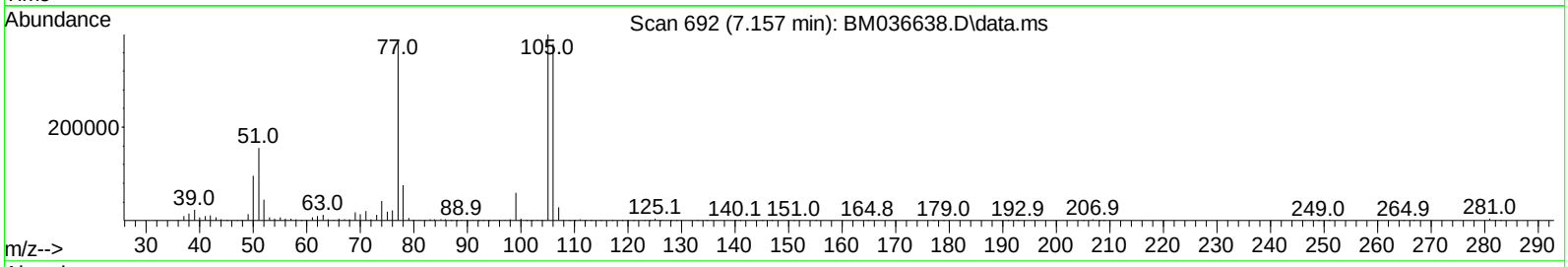
Quant Time: Sep 22 05:02:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

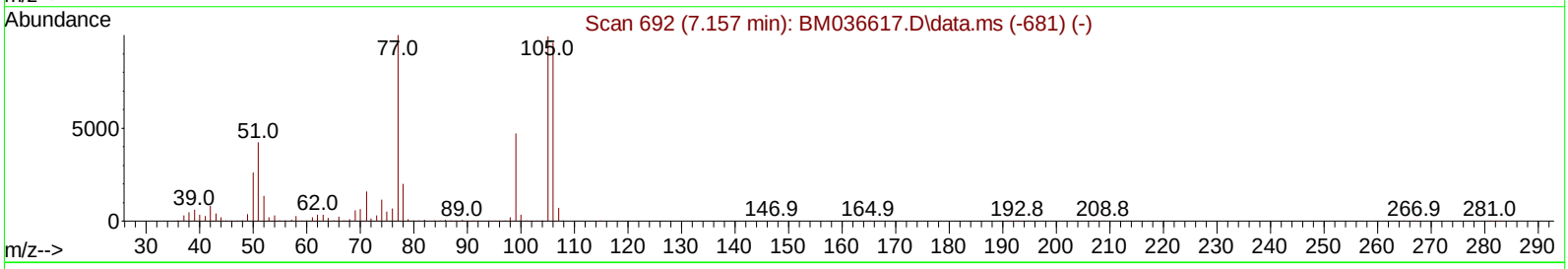
Instrument :
BNA_M
ClientSampleId :
A5746MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/22/2022
Supervised By :mohammad ahmed 09/23/2022







TIC: BM036638.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 39.50 ng/ul

response 604907

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	103.30
106.00	91.30	98.23
0.00	0.00	0.00

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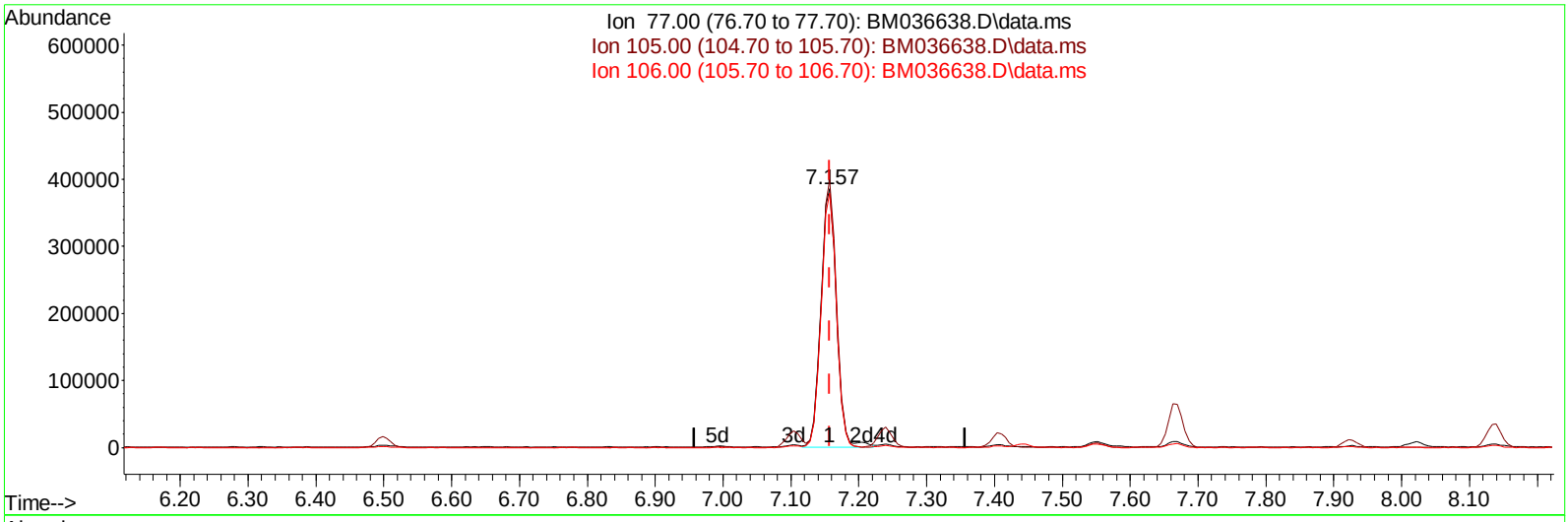

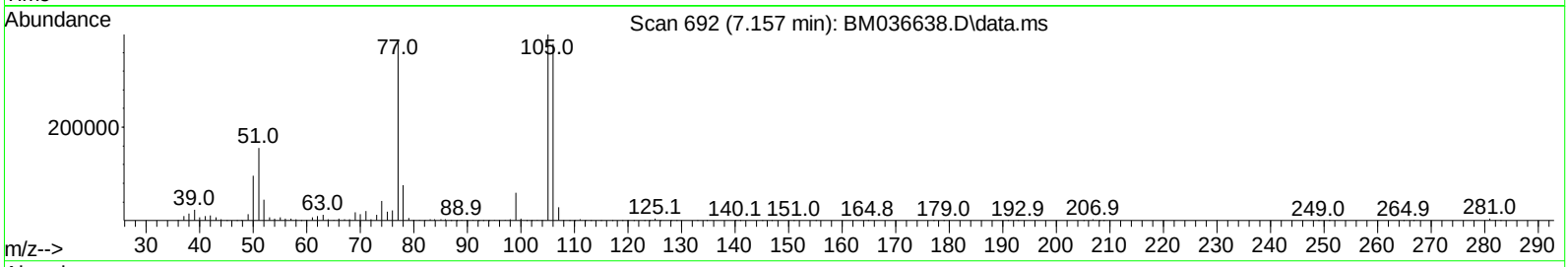

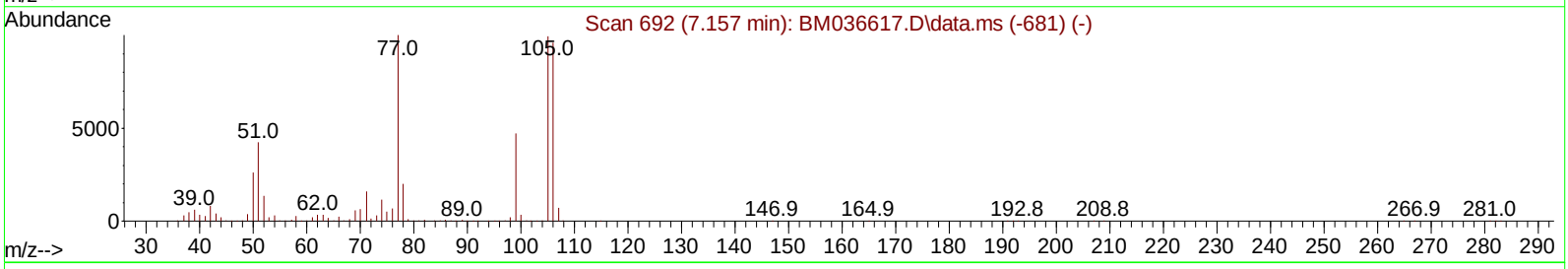

TIC: BM036638.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 40.19 ng/ul m

response 615382

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	103.30
106.00	91.30	98.23
0.00	0.00	0.00

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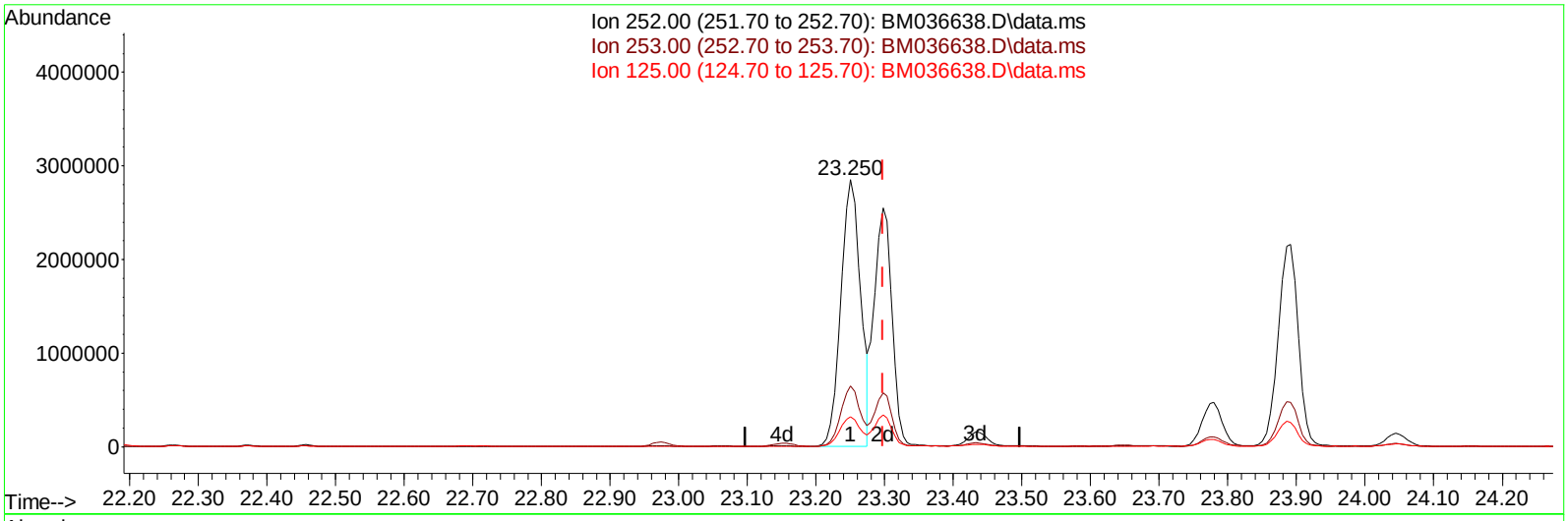

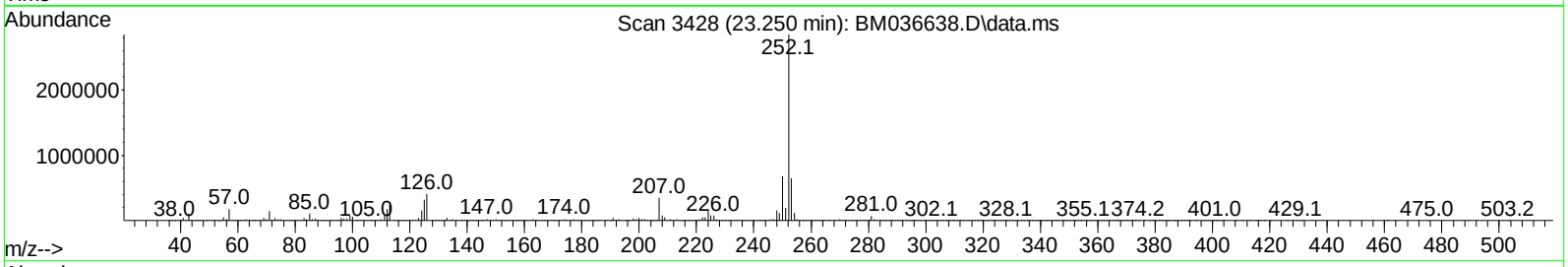

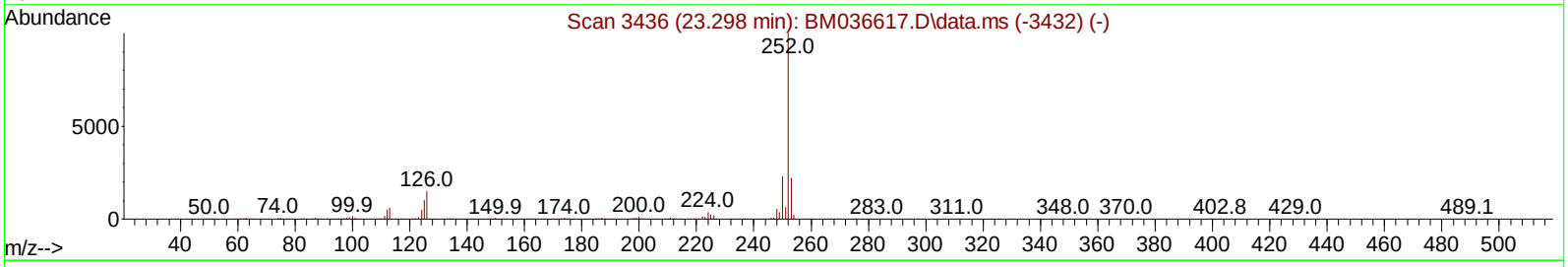

TIC: BM036638.D\data.ms

(91) Benzo(k)fluoranthene

23.250min (-0.047) 49.70 ng/ul

response 5679720

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.81
125.00	10.30	11.27
0.00	0.00	0.00

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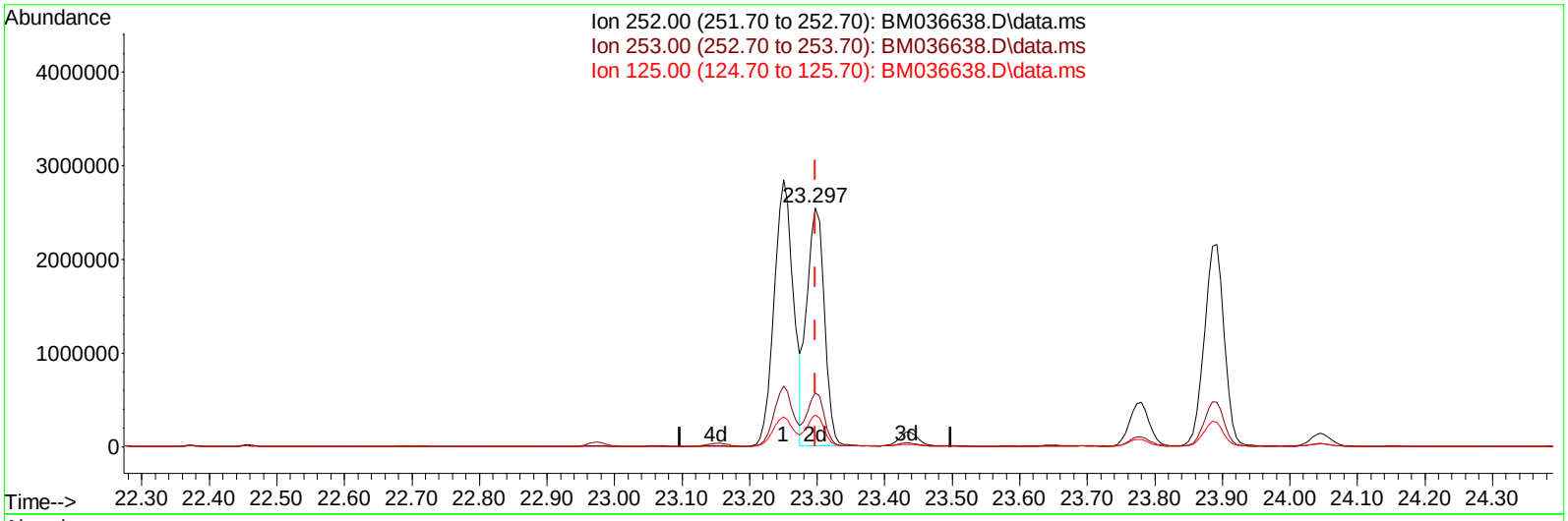

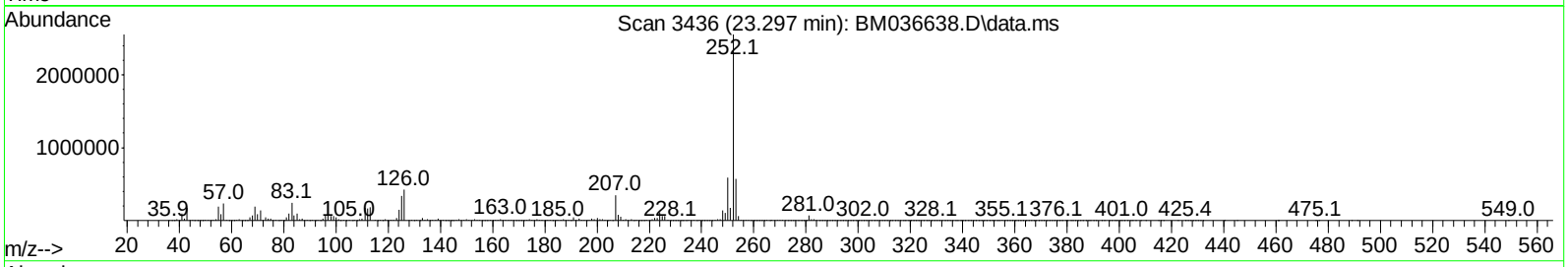

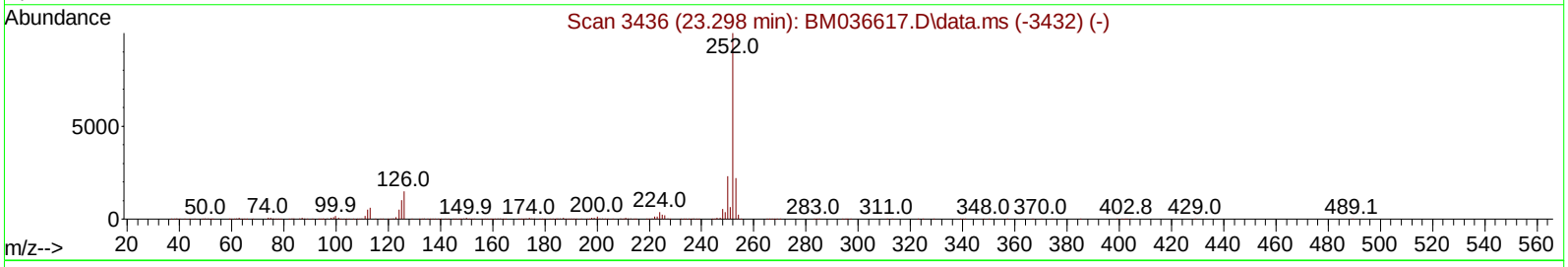

TIC: BM036638.D\data.ms

(91) Benzo(k)fluoranthene

23.297min (-0.000) 40.11 ng/ul m

response 4584164

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	22.44
125.00	10.30	13.20#
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	8.022	152	353859	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	1584600	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1010515	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2067384	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1930306	20.000	ng/ul	0.00
88) Perylene-d12	23.991	264	1803486	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	32936	3.489	ng/uL	0.00
4) Pyridine-d5	3.828	84	78066	2.836	ng/ul	0.01
7) Phenol-d5	7.181	99	676142	21.382	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	441949	23.013	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	567723	24.937	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	478220	20.467	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	305877	28.519	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	305324	31.781	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	559703	25.139	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	286002	7.726	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1749135	25.665	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	2135172	26.412	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	232794	17.611	ng/ul	0.00
60) Fluorene-d10	15.633	176	1581162	25.888	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	241767	29.558	ng/ul	0.00
73) Anthracene-d10	17.480	188	2460320	26.028	ng/ul	0.00
81) Pyrene-d10	19.762	212	2845085	29.960	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	2381603	27.030	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	99209	9.757	ng/uL	91
5) Pyridine	3.840	79	373844	13.517	ng/ul	91
6) Benzaldehyde	7.157	77	615382m	40.187	ng/ul	
8) Phenol	7.204	94	1011869	29.814	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.440	93	765024	28.971	ng/ul	97
12) 2-Chlorophenol	7.581	128	778592	31.615	ng/ul	95
13) 2-Methylphenol	8.463	108	755535	30.286	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.551	45	852294	27.232	ng/ul	98
16) Acetophenone	8.851	105	1268402	31.296	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.840	70	583217	29.823	ng/ul#	92
18) 4-Methylphenol	8.792	108	832415	30.858	ng/ul	100
19) Hexachloroethane	9.110	117	310363	31.113	ng/ul	92
22) Nitrobenzene	9.228	77	873730	30.683	ng/ul	95
23) Isophorone	9.763	82	1705335	29.371	ng/ul	98
25) 2-Nitrophenol	9.945	139	432889	36.482	ng/ul	97
26) 2,4-Dimethylphenol	10.004	107	802301	27.414	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.245	93	1016827	29.382	ng/ul	99
29) 2,4-Dichlorophenol	10.481	162	753108	32.176	ng/ul	99
30) Naphthalene	10.886	128	3033414	35.140	ng/ul	100
32) 4-Chloroaniline	10.992	127	875915	22.919	ng/ul	98
33) Hexachlorobutadiene	11.169	225	424804	29.675	ng/ul	99
34) Caprolactam	11.781	113	250426	32.984	ng/ul	91
35) 4-Chloro-3-methylphenol	12.110	107	843411	32.643	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.486	142	2145135	37.297	ng/ul	100
37) 1-Methylnaphthalene	12.704	142	2085667	36.072	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.851	216	845170	29.550	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	359771	24.137	ng/ul	98
41) 2,4,6-Trichlorophenol	13.086	196	590401	33.713	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	645362	34.372	ng/ul	99
43) 1,1'-Biphenyl	13.486	154	2279846	30.606	ng/ul	99
44) 2-Chloronaphthalene	13.527	162	1746747	29.883	ng/ul	99
45) 2-Nitroaniline	13.727	65	517148	35.945	ng/ul	96
47) Dimethylphthalate	14.104	163	2171654	30.039	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	446818	38.015	ng/ul	95
50) Acenaphthylene	14.369	152	3024646	32.725	ng/ul	99
51) 3-Nitroaniline	14.551	138	452734	32.116	ng/ul#	92
52) Acenaphthene	14.710	153	1956124	30.248	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	213293	40.897	ng/ul	94
55) 4-Nitrophenol	14.851	109	357244	31.614	ng/ul	94
56) Dibenzofuran	15.045	168	2806649	32.316	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	647129	37.871	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.269	232	538887	34.287	ng/ul#	100
59) Diethylphthalate	15.463	149	2270401	31.371	ng/ul	100
61) Fluorene	15.692	166	2274454	30.748	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.680	204	1048932	29.651	ng/ul	99
63) 4-Nitroaniline	15.704	138	487733	35.611	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.763	198	335629	36.362	ng/ul	97
67) N-Nitrosodiphenylamine	15.898	169	1907970	31.335	ng/ul	97
68) 4-Bromophenyl-phenylether	16.574	248	580620	28.494	ng/ul	100
69) Hexachlorobenzene	16.686	284	735018	30.497	ng/ul	99
70) Atrazine	16.845	200	688279	32.033	ng/ul	99
71) Pentachlorophenol	17.033	266	432801	30.232	ng/ul	99
72) Phenanthrene	17.427	178	5351436	46.994	ng/ul	99
74) Anthracene	17.515	178	3771036	32.580	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	882208	31.200	ng/uL	99
76) Pentachlorobenzene	14.963	250	823267	26.919	ng/uL	99
77) Carbazole	17.786	167	3576622	33.376	ng/ul	100
78) Di-n-butylphthalate	18.351	149	4215661	34.708	ng/ul	99
80) Fluoranthene	19.433	202	7232912	62.155	ng/ul	100
82) Pyrene	19.792	202	6940750	56.347	ng/ul	98
83) Butylbenzylphthalate	20.686	149	1926742	41.279	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.462	252	366012	9.704	ng/ul	99
85) Benzo(a)anthracene	21.533	228	5252624	43.430	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.462	149	2793374	40.969	ng/ul	99
87) Chrysene	21.592	228	5346300	46.571	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	4698740	43.216	ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	5679720	49.663	ng/ul	99
91) Benzo(k)fluoranthene	23.297	252	4584164m	40.115	ng/ul	
93) Benzo(a)pyrene	23.891	252	4397484	43.739	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.550	276	4288674	36.528	ng/ul	98
95) Dibenzo(a,h)anthracene	26.562	278	3331951	31.293	ng/ul	99
96) Benzo(g,h,i)perylene	27.332	276	3451013	33.906	ng/ul	99

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

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