Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM061621\
Data File : BM030465.D
Acq On : 16 Jun 2021 13:16
Operator : CG/JU
Sample : PB137067BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 16 13:51:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 10:51:23 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS067

Manual Integrations APPROVED
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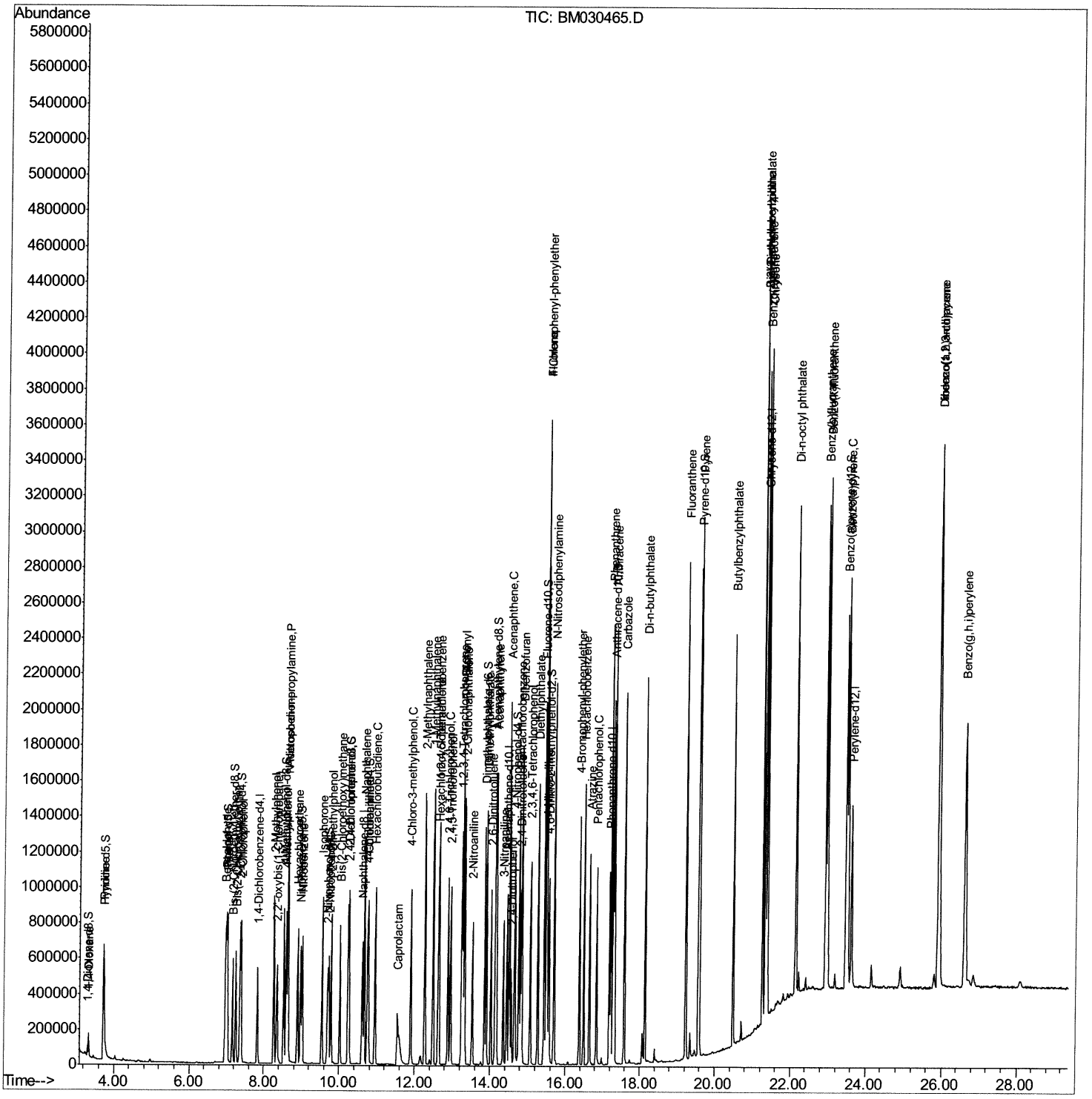

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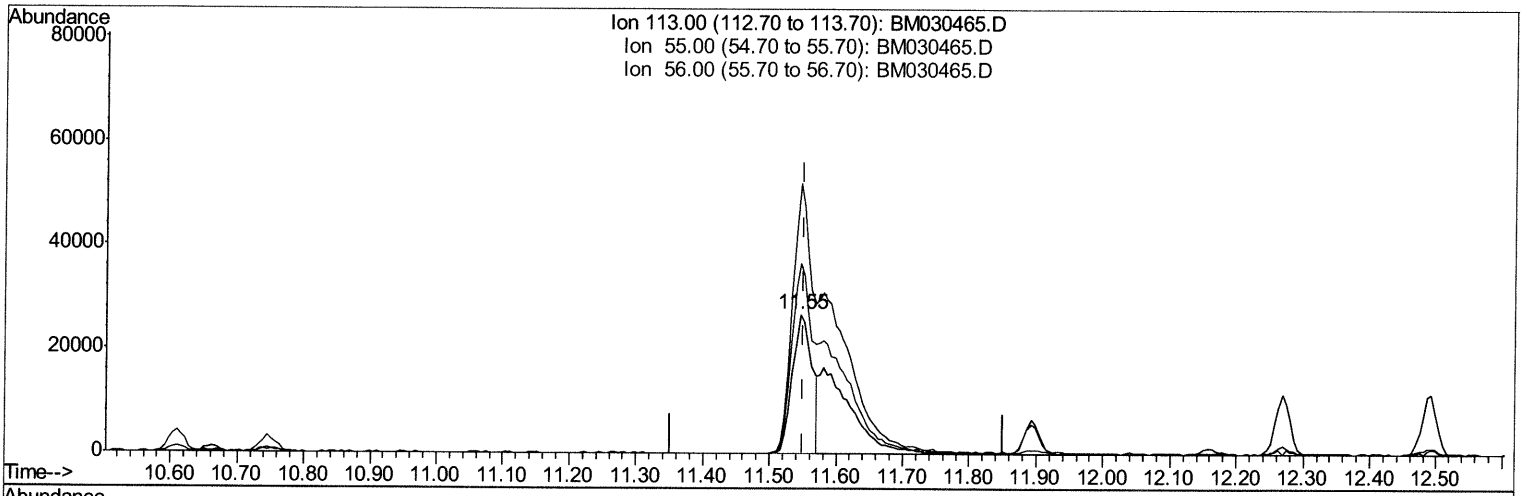

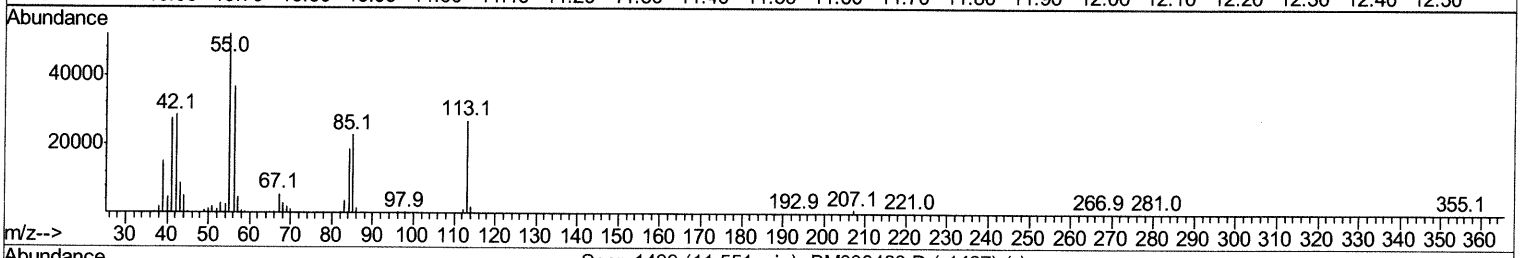

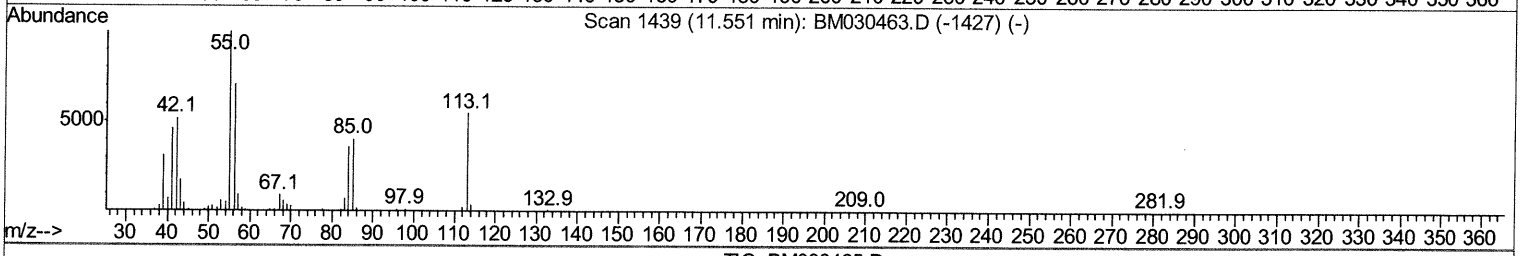

TIC: BM030465.D

(34) Caprolactam

11.545min (-0.006) 21.16ng/ul

response 54296

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	193.84
56.00	138.60	136.80
0.00	0.00	0.00

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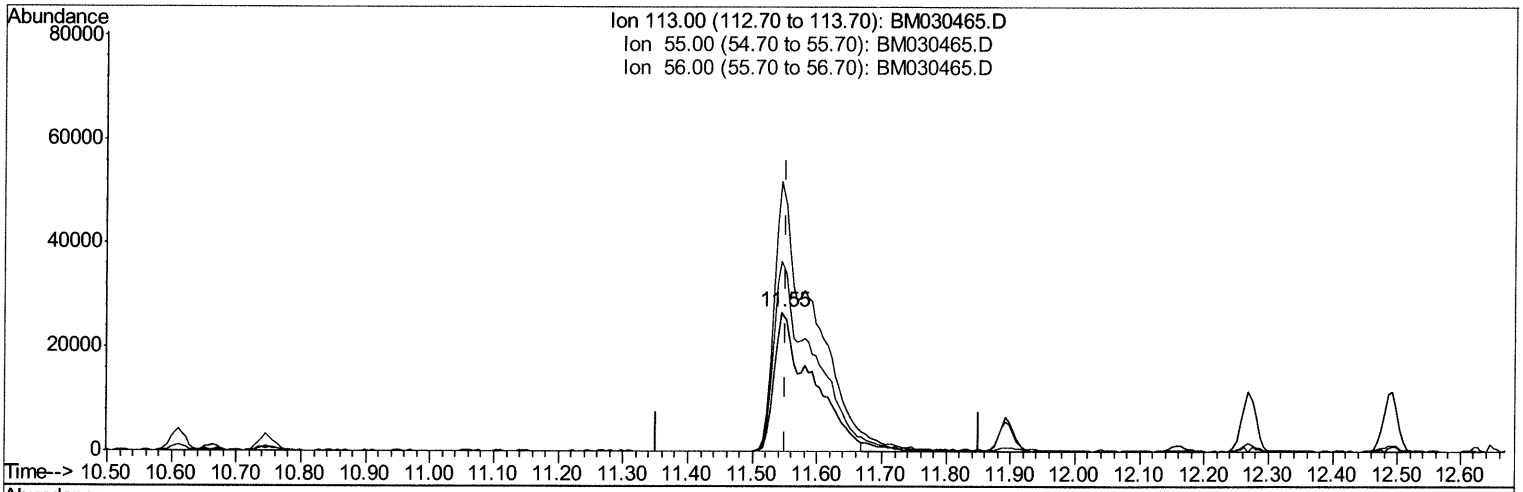

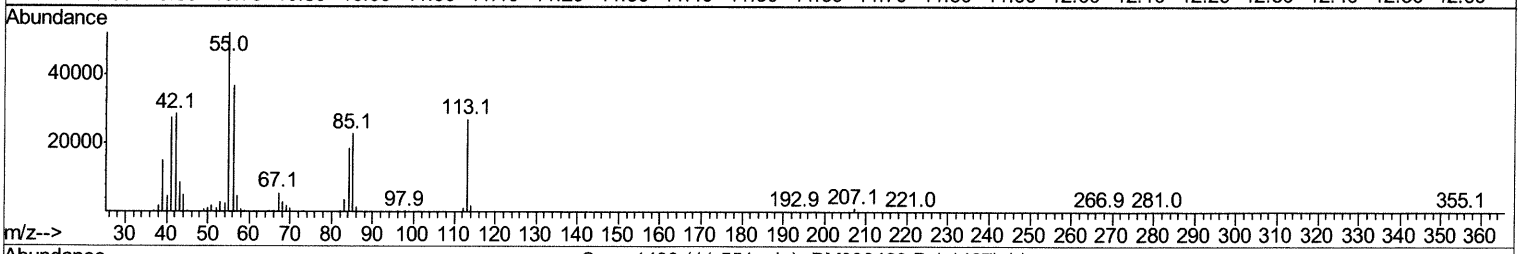

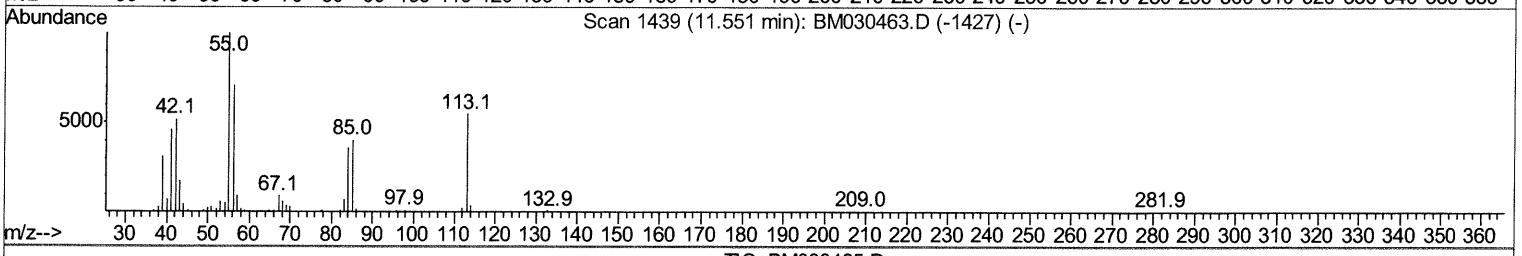

TIC: BM030465.D

(34) Caprolactam

11.545min (-0.006) 41.91ng/ul m 06/18/21 JU

response 107518

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	193.84
56.00	138.60	136.80
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	143012	20.00	ng/ul	0.00
20) Naphthalene-d8	10.61	136	555586	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	330534	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.19	188	664120	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	725603	20.00	ng/ul	0.00
88) Perylene-d12	23.62	264	709285	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	24700	6.59	ng/uL	0.00
4) Pyridine-d5	3.72	84	268371	27.27	ng/ul	0.00
7) Phenol-d5	6.99	99	412659	33.20	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.16	67	263624	32.86	ng/ul	0.00
11) 2-Chlorophenol-d4	7.36	132	336348	37.42	ng/ul	0.00
15) 4-Methylphenol-d8	8.53	113	312438	31.47	ng/ul	0.00
21) Nitrobenzene-d5	8.97	128	148864	39.14	ng/ul	0.00
24) 2-Nitrophenol-d4	9.70	143	162131	42.92	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.23	165	319709	38.86	ng/ul	0.00
31) 4-Chloroaniline-d4	10.75	131	395164	31.42	ng/ul	0.00
46) Dimethylphthalate-d6	13.86	166	867374	38.24	ng/ul	0.00
49) Acenaphthylene-d8	14.14	160	1143826	40.36	ng/ul	0.00
54) 4-Nitrophenol-d4	14.65	143	162513	38.28	ng/ul	0.00
60) Fluorene-d10	15.44	176	791553	38.98	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	148606	38.76	ng/ul	0.00
73) Anthracene-d10	17.28	188	1153874	38.20	ng/ul	0.00
81) Pyrene-d10	19.57	212	1346735	35.46	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.47	264	1520872	43.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	61101	16.095	ng/uL	98
5) Pyridine	3.73	79	303679	29.229	ng/ul	97
6) Benzaldehyde	6.97	77	238943	41.018	ng/ul	95
8) Phenol	7.02	94	418373	33.233	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.25	93	329819	32.452	ng/ul	99
12) 2-Chlorophenol	7.39	128	337738	36.421	ng/ul	99
13) 2-Methylphenol	8.26	108	296186	31.639	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.35	45	525888	32.124	ng/ul	99
16) Acetophenone	8.65	105	498530	31.763	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.63	70	250748	32.869	ng/ul	98
18) 4-Methylphenol	8.59	108	329118	31.884	ng/ul	99
19) Hexachloroethane	8.90	117	136173	34.706	ng/ul	99
22) Nitrobenzene	9.02	77	376291	38.543	ng/ul	99
23) Isophorone	9.55	82	649408	36.379	ng/ul	99
25) 2-Nitrophenol	9.73	139	178284	42.610	ng/ul	100
26) 2,4-Dimethylphenol	9.79	107	275938	29.131	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.02	93	422691	35.565	ng/ul	99
29) 2,4-Dichlorophenol	10.26	162	311832	38.921	ng/ul	99
30) Naphthalene	10.66	128	1025171	36.403	ng/ul	100
32) 4-Chloroaniline	10.77	127	390025	30.980	ng/ul	97
33) Hexachlorobutadiene	10.95	225	200107	39.246	ng/ul	97
34) Caprolactam	11.55	113	107518m	> 41.911	ng/ul	>

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.89	107	317174	38.901	ng/ul	98
36) 2-Methylnaphthalene	12.27	142	725448	36.209	ng/ul	100
37) 1-Methylnaphthalene	12.49	142	705153	34.676	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	386314	40.201	ng/ul	99
40) Hexachlorocyclopentadiene	12.62	237	175972	28.981	ng/ul	96
41) 2,4,6-Trichlorophenol	12.88	196	242535	42.011	ng/ul	99
42) 2,4,5-Trichlorophenol	12.96	196	264860	42.117	ng/ul	98
43) 1,1'-Biphenyl	13.28	154	936004	38.867	ng/ul	100
44) 2-Chloronaphthalene	13.32	162	737907	39.704	ng/ul	98
45) 2-Nitroaniline	13.53	65	207311	44.621	ng/ul	97
47) Dimethylphthalate	13.90	163	886924	40.026	ng/ul	99
48) 2,6-Dinitrotoluene	14.02	165	180643	45.491	ng/ul	96
50) Acenaphthylene	14.17	152	1070096	39.535	ng/ul	100
51) 3-Nitroaniline	14.35	138	182330	40.273	ng/ul	98
52) Acenaphthene	14.51	153	789097	39.241	ng/ul	99
53) 2,4-Dinitrophenol	14.56	184	111999	42.265	ng/ul	96
55) 4-Nitrophenol	14.66	109	161252	48.475	ng/ul	92
56) Dibenzofuran	14.84	168	1100646	39.342	ng/ul	100
57) 2,4-Dinitrotoluene	14.81	165	257138	45.786	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.07	232	217888	43.282	ng/ul	98
59) Diethylphthalate	15.27	149	880187	40.252	ng/ul	99
61) Fluorene	15.49	166	933671	39.749	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.49	204	457279	40.425	ng/ul	100
63) 4-Nitroaniline	15.52	138	198065	46.723	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.57	198	149052	39.212	ng/ul	97
67) N-Nitrosodiphenylamine	15.70	169	776075	39.669	ng/ul	100
68) 4-Bromophenyl-phenylether	16.38	248	265978	41.175	ng/ul	97
69) Hexachlorobenzene	16.49	284	307436	41.873	ng/ul	99
70) Atrazine	16.65	200	213800	30.451	ng/ul	100
71) Pentachlorophenol	16.84	266	189984	42.226	ng/ul	99
72) Phenanthrene	17.23	178	1451426	40.419	ng/ul	100
74) Anthracene	17.32	178	1434030	39.569	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.24	216	381921	39.967	ng/uL	98
76) Pentachlorobenzene	14.77	250	354880	38.562	ng/uL	98
77) Carbazole	17.59	167	1278835	39.730	ng/ul	99
78) Di-n-butylphthalate	18.14	149	1463493	43.415	ng/ul	100
80) Fluoranthene	19.23	202	1672379	35.837	ng/ul	99
82) Pyrene	19.60	202	1784785	36.164	ng/ul	98
83) Butylbenzylphthalate	20.49	149	651472	42.059	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.27	252	547130	41.696	ng/ul	99
85) Benzo(a)anthracene	21.33	228	1770719	40.388	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.26	149	949570	40.412	ng/ul	99
87) Chrysene	21.39	228	1745548	40.378	ng/ul	100
89) Di-n-octyl phthalate	22.14	149	1658041	36.293	ng/ul	100
90) Benzo(b)fluoranthene	22.93	252	1869341	41.001	ng/ul	98
91) Benzo(k)fluoranthene	22.98	252	1888829	43.372	ng/ul	99
93) Benzo(a)pyrene	23.52	252	1693229	42.490	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.93	276	2263842	46.158	ng/ul	97
95) Dibenzo(a,h)anthracene	25.94	278	1906486	46.169	ng/ul	98
96) Benzo(g,h,i)perylene	26.63	276	1870357	46.407	ng/ul	98

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

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