Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP081221\
Data File : BP006658.D
Acq On : 12 Aug 2021 09:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 11:48:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 15:09:30 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
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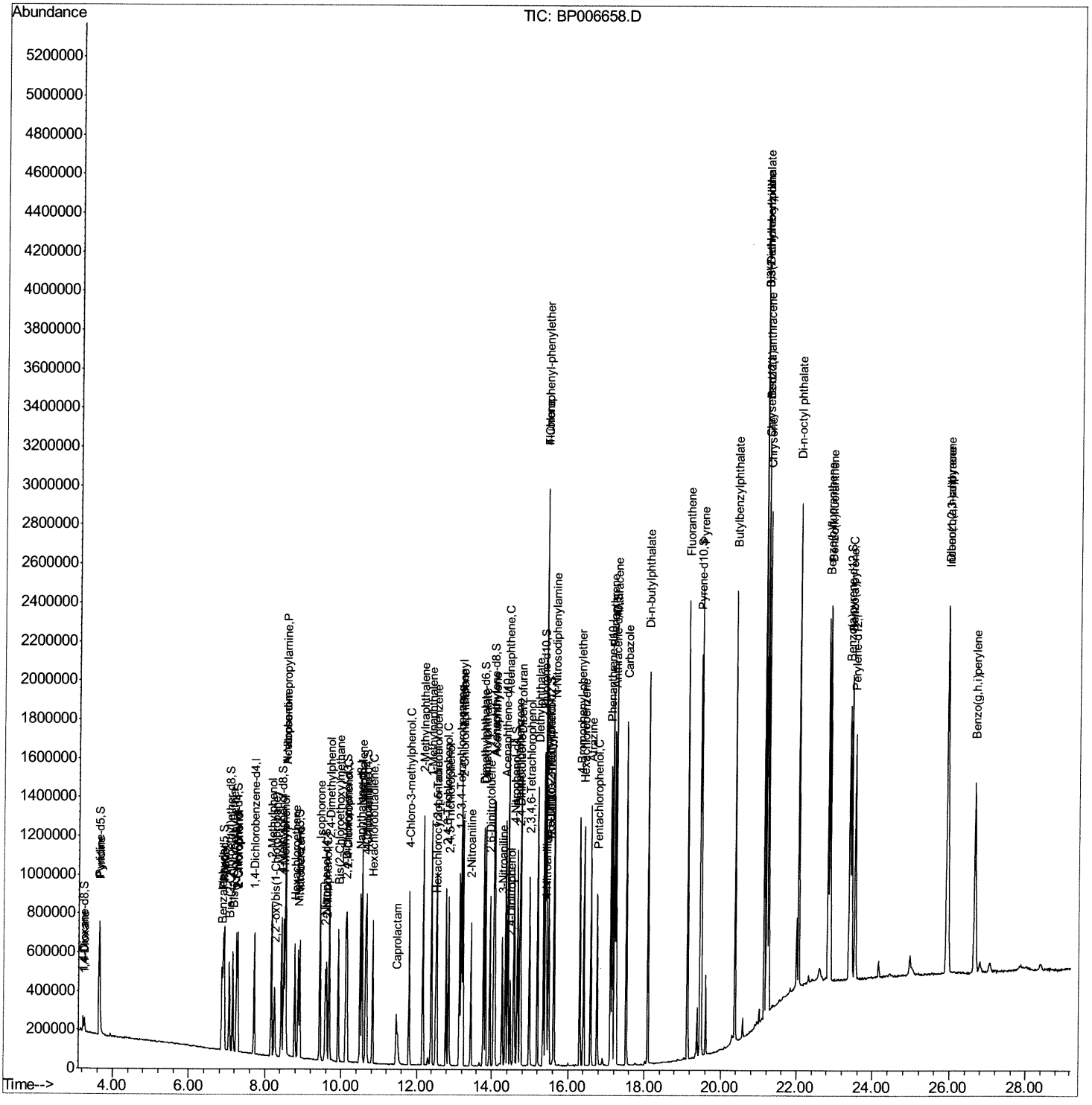

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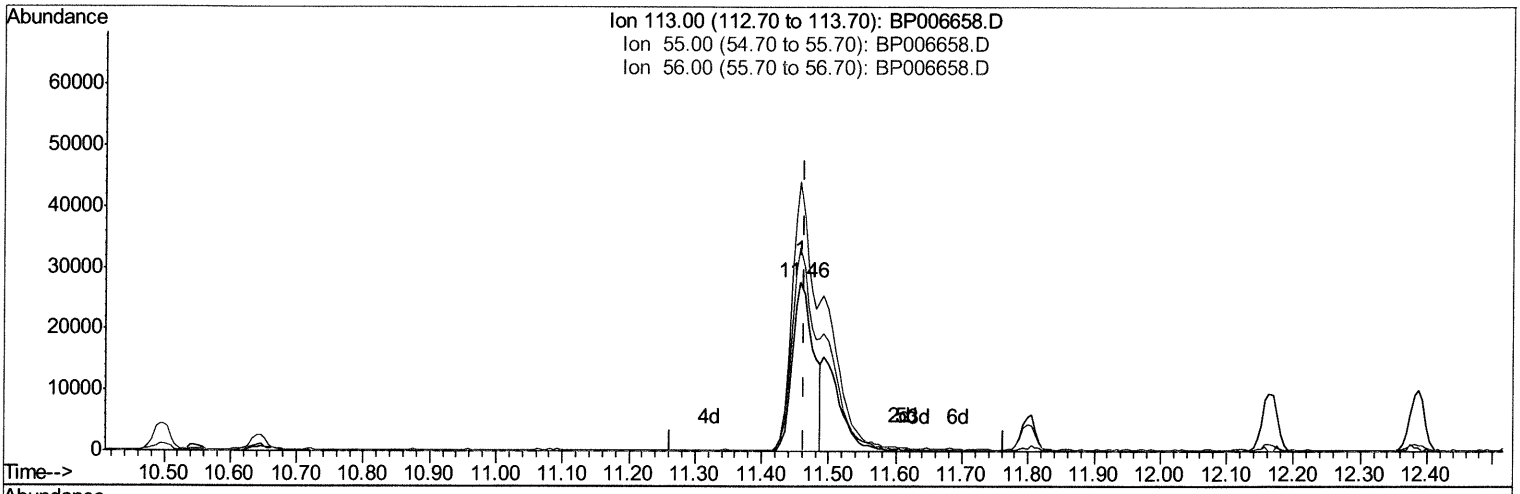

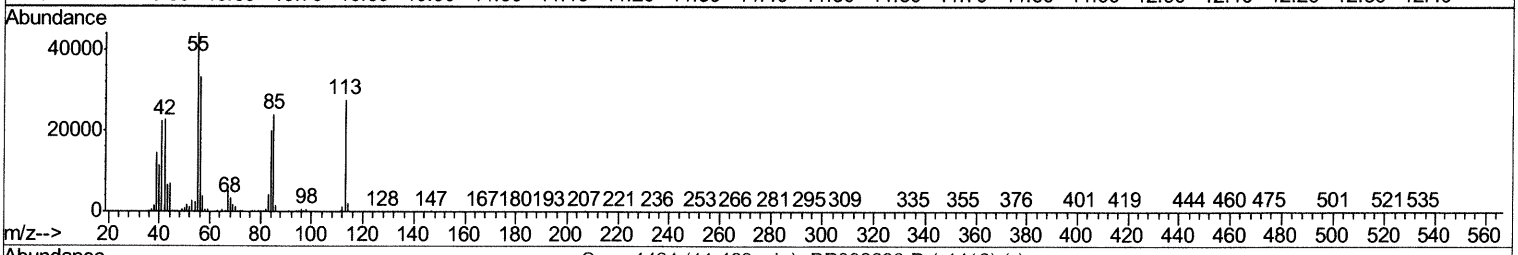

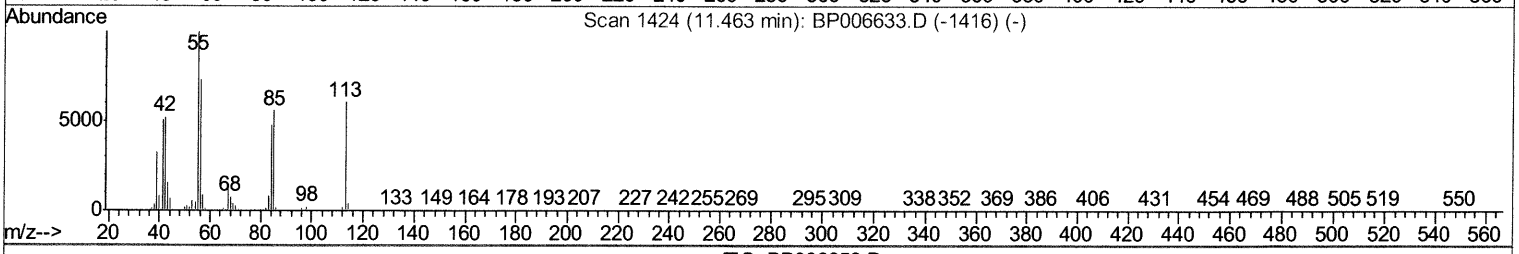

TIC: BP006658.D

(34) Caprolactam

11.457min (-0.006) 15.47ng/ul

response 61265

Ion	Exp%	Act%
113.00	100	100
55.00	158.10	159.61
56.00	118.70	120.25
0.00	0.00	0.00

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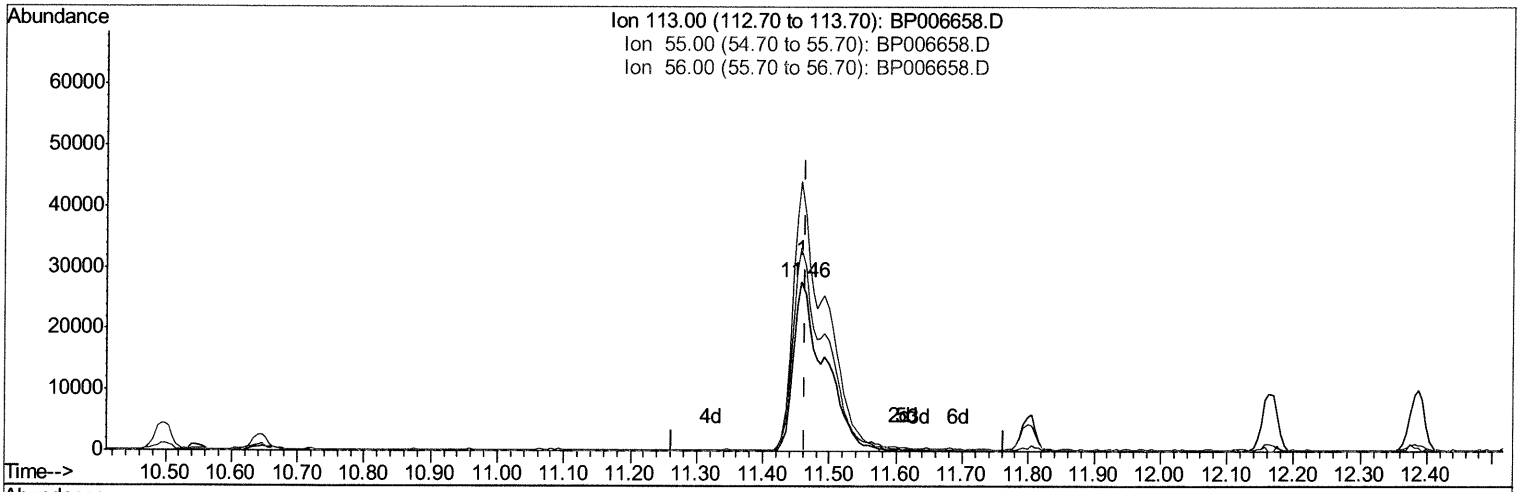

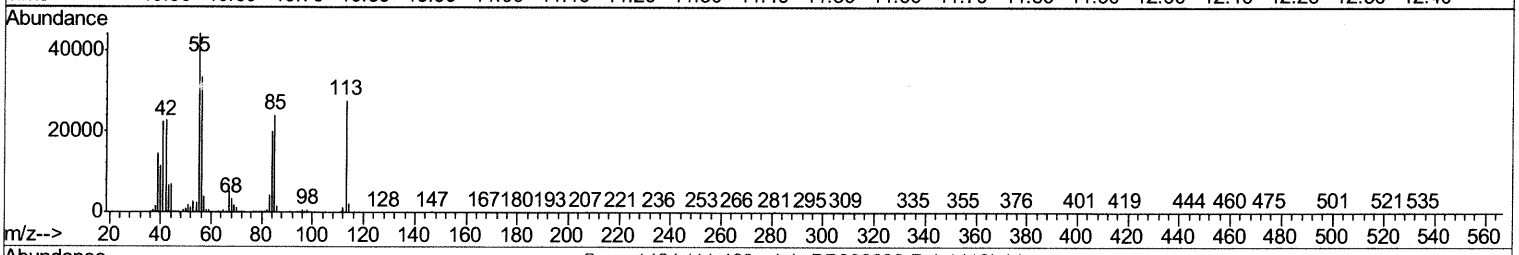

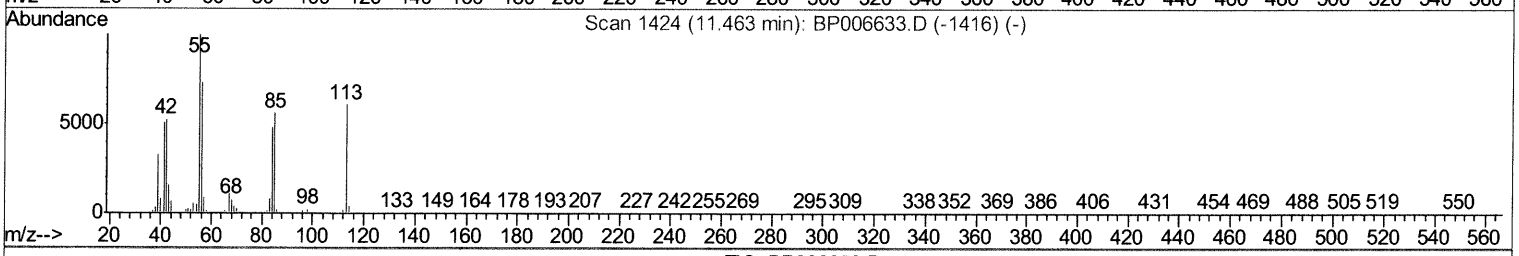

TIC: BP006658.D

(34) Caprolactam

11.457min (-0.006) 22.83ng/ul m 08/16/21 JU

response 90427

Ion	Exp%	Act%
113.00	100	100
55.00	158.10	159.61
56.00	118.70	120.25
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	7.71	152	156456	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.50	136	679545	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	403345	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.11	188	804474	20.00	ng/ul	0.00
79) Chrysene-d12	21.22	240	773075	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	802747	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	42182	9.12	ng/uL	0.00
4) Pyridine-d5	3.63	84	292248	21.98	ng/ul	0.00
7) Phenol-d5	6.89	99	322429	20.50	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.06	67	203569	21.06	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.25	132	255379	21.80	ng/ul	-0.01
15) 4-Methylphenol-d8	8.43	113	259142	20.62	ng/ul	-0.01
21) Nitrobenzene-d5	8.87	128	125323	21.73	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.59	143	133307	22.09	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.12	165	230380	22.59	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.65	131	366168	22.09	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	704240	22.77	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	836433	22.05	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	139946	21.66	ng/ul	0.00
60) Fluorene-d10	15.35	176	573107	22.78	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	106625	20.05	ng/ul	0.00
73) Anthracene-d10	17.21	188	859823	22.59	ng/ul	0.00
81) Pyrene-d10	19.46	212	913257	22.50	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.38	264	973354	22.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	43205	9.193	ng/uL	99
5) Pyridine	3.65	79	294283	21.378	ng/ul	99
6) Benzaldehyde	6.86	77	146707	18.971	ng/ul	96
8) Phenol	6.92	94	337365	21.002	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.15	93	268530	21.689	ng/ul	98
12) 2-Chlorophenol	7.28	128	256394	21.706	ng/ul	97
13) 2-Methylphenol	8.16	108	249436	21.106	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.25	45	311664	21.544	ng/ul	100
16) Acetophenone	8.54	105	417902	21.127	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.53	70	229654	21.584	ng/ul	99
18) 4-Methylphenol	8.49	108	269303	20.959	ng/ul	97
19) Hexachloroethane	8.78	117	116290	22.624	ng/ul	98
22) Nitrobenzene	8.91	77	345199	22.858	ng/ul	100
23) Isophorone	9.44	82	657271	23.339	ng/ul	100
25) 2-Nitrophenol	9.62	139	144390	22.681	ng/ul	99
26) 2,4-Dimethylphenol	9.69	107	308767	22.577	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.93	93	373901	22.904	ng/ul	100
29) 2,4-Dichlorophenol	10.15	162	225531	22.796	ng/ul	98
30) Naphthalene	10.55	128	846092	22.942	ng/ul	99
32) 4-Chloroaniline	10.67	127	357171	21.960	ng/ul	100
33) Hexachlorobutadiene	10.83	225	135681	23.260	ng/ul	97
34) Caprolactam	11.46	113	90427m	> 22.830	ng/ul	> 08/16/21 JG

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.80	107	295735	23.368	ng/ul	98
36) 2-Methylnaphthalene	12.16	142	563025	22.216	ng/ul	98
37) 1-Methylnaphthalene	12.39	142	547105	21.693	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	248480	22.860	ng/ul	94
40) Hexachlorocyclopentadiene	12.51	237	133837	18.768	ng/ul	98
41) 2,4,6-Trichlorophenol	12.78	196	172415	23.097	ng/ul	99
42) 2,4,5-Trichlorophenol	12.85	196	187135	23.546	ng/ul	98
43) 1,1'-Biphenyl	13.19	154	720228	22.969	ng/ul	98
44) 2-Chloronaphthalene	13.23	162	551990	23.203	ng/ul	99
45) 2-Nitroaniline	13.44	65	198161	23.100	ng/ul	97
47) Dimethylphthalate	13.82	163	724428	23.678	ng/ul	100
48) 2,6-Dinitrotoluene	13.95	165	140333	23.765	ng/ul	96
50) Acenaphthylene	14.07	152	871404	23.494	ng/ul	100
51) 3-Nitroaniline	14.27	138	135118	19.980	ng/ul	98
52) Acenaphthene	14.42	153	619741	23.434	ng/ul	99
53) 2,4-Dinitrophenol	14.48	184	74594	19.530	ng/ul	99
55) 4-Nitrophenol	14.59	109	133790	23.091	ng/ul	96
56) Dibenzofuran	14.76	168	824870	23.327	ng/ul	99
57) 2,4-Dinitrotoluene	14.73	165	208335	23.981	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.99	232	156665	23.746	ng/ul	99
59) Diethylphthalate	15.20	149	772215	23.746	ng/ul	99
61) Fluorene	15.41	166	684062	23.201	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.41	204	314854	23.589	ng/ul	99
63) 4-Nitroaniline	15.44	138	139476	22.025	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.50	198	116398	21.897	ng/ul	96
67) N-Nitrosodiphenylamine	15.63	169	567232	22.955	ng/ul	99
68) 4-Bromophenyl-phenylether	16.30	248	182714	23.029	ng/ul	96
69) Hexachlorobenzene	16.41	284	209874	23.406	ng/ul	100
70) Atrazine	16.59	200	203212	23.182	ng/ul	99
71) Pentachlorophenol	16.76	266	130248	22.177	ng/ul	99
72) Phenanthrene	17.16	178	1065687	23.449	ng/ul	99
74) Anthracene	17.25	178	1084541	23.500	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.15	216	246606	22.543	ng/uL	98
76) Pentachlorobenzene	14.67	250	246739	22.893	ng/uL	98
77) Carbazole	17.52	167	970816	22.522	ng/ul	99
78) Di-n-butylphthalate	18.09	149	1328795	23.842	ng/ul	100
80) Fluoranthene	19.13	202	1206416	23.643	ng/ul	99
82) Pyrene	19.49	202	1241551	23.557	ng/ul	99
83) Butylbenzylphthalate	20.38	149	621714	23.861	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.14	252	352558	19.985	ng/ul	99
85) Benzo(a)anthracene	21.20	228	1164313	23.122	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.15	149	937004	23.337	ng/ul	99
87) Chrysene	21.25	228	1131085	23.298	ng/ul	100
89) Di-n-octyl phthalate	22.05	149	1595530	22.994	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	1183126	22.688	ng/ul	99
91) Benzo(k)fluoranthene	22.87	252	1184850	23.468	ng/ul	99
93) Benzo(a)pyrene	23.43	252	1095871	23.198	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.93	276	1413200	22.879	ng/ul	99
95) Dibenzo(a,h)anthracene	25.94	278	1188794	22.913	ng/ul	99
96) Benzo(g,h,i)perylene	26.66	276	1172796	22.868	ng/ul	97

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

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