Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP081021\
Data File : BP006650.D
Acq On : 11 Aug 2021 11:31
Operator : CG/JU
Sample : PB138246BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 11 12:33:42 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
ClientSampleId :
SLCS246

Manual Integrations APPROVED
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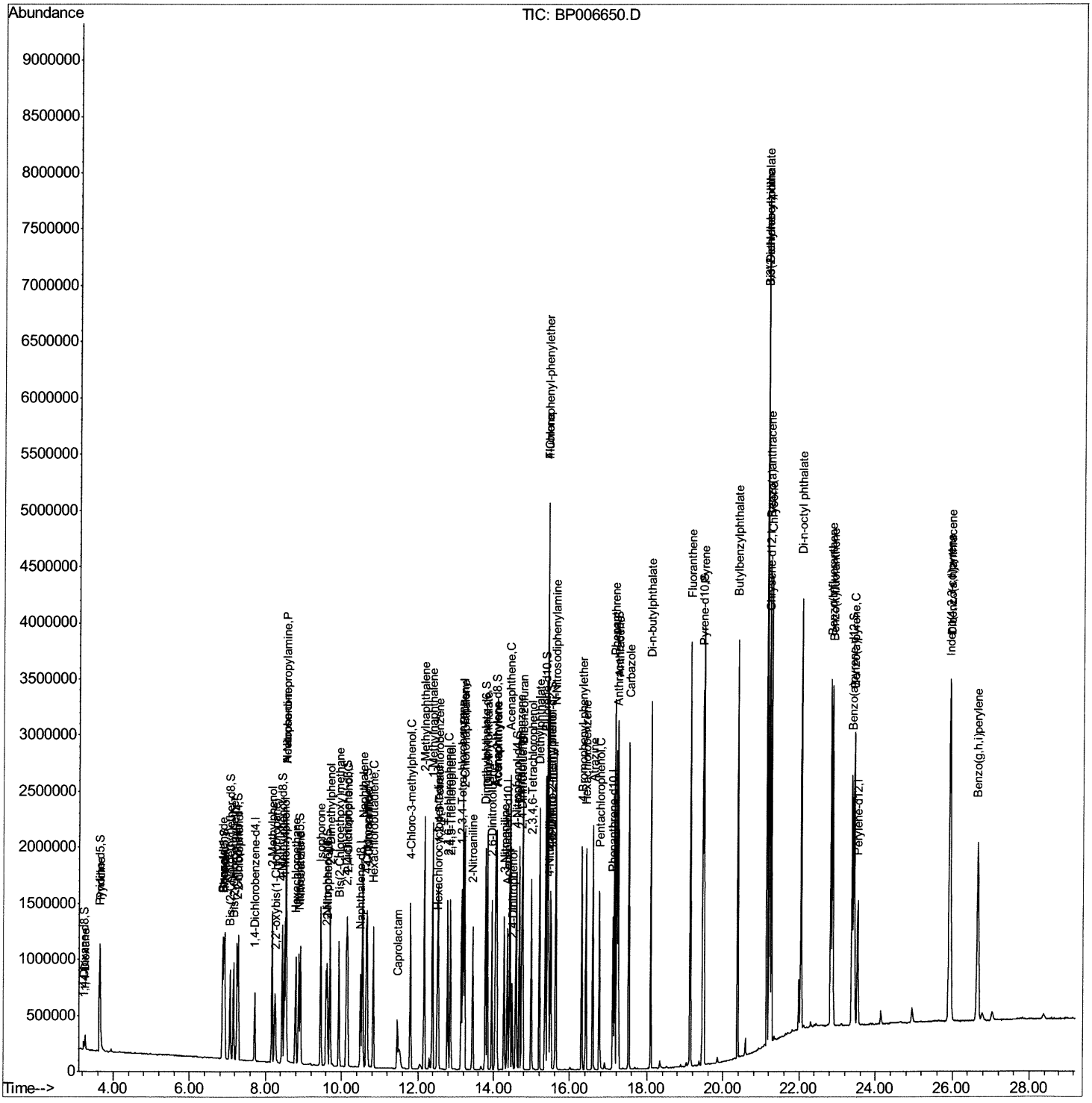

Quantitation Report (Qedit)

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Quant Title : SVOA CALIBRATION
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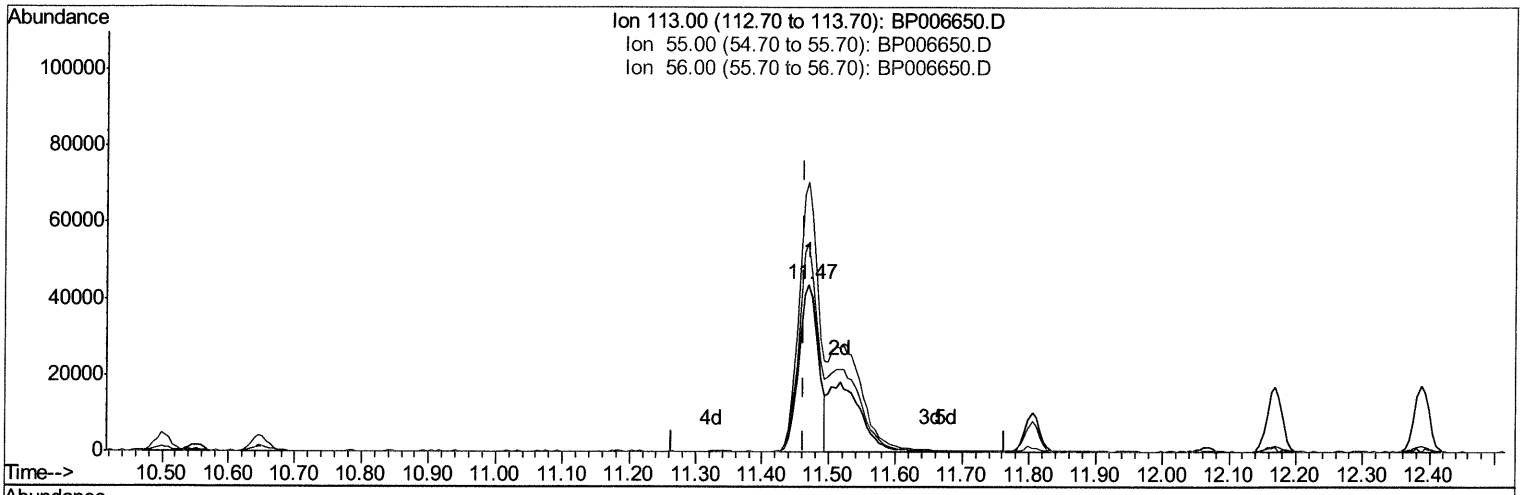

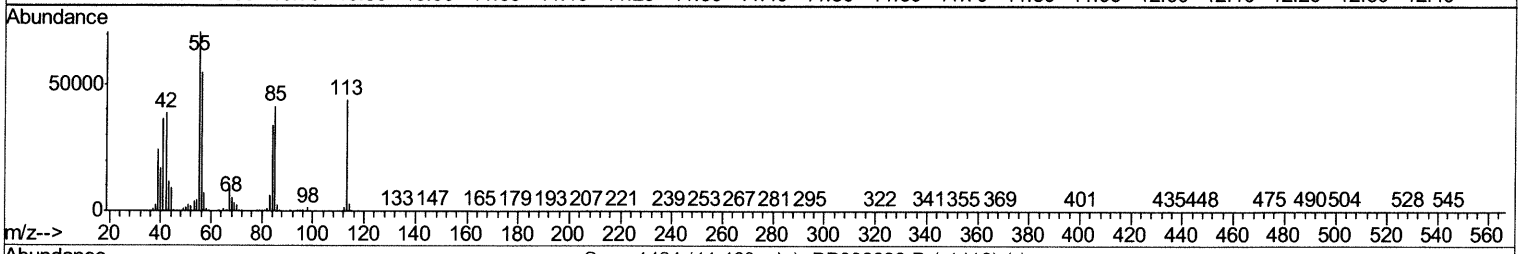

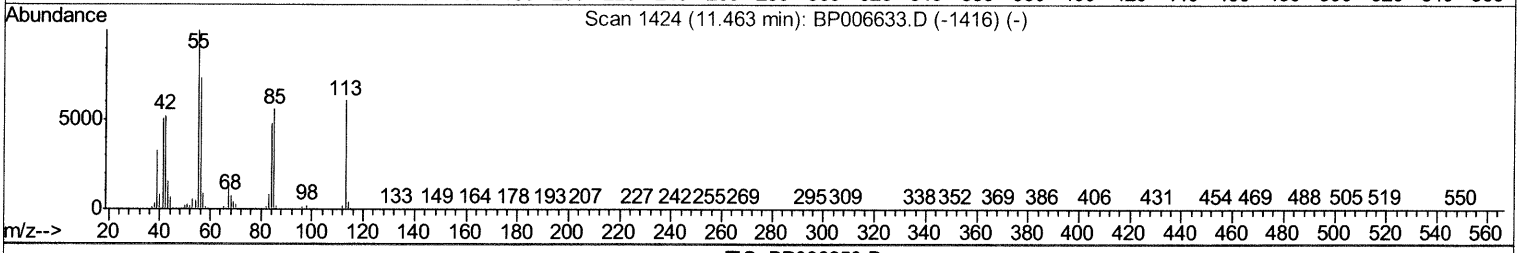

TIC: BP006650.D

(34) Caprolactam

11.469min (+0.006) 23.14ng/ul

response 88745

Ion	Exp%	Act%
113.00	100	100
55.00	158.10	161.20
56.00	118.70	124.63
0.00	0.00	0.00

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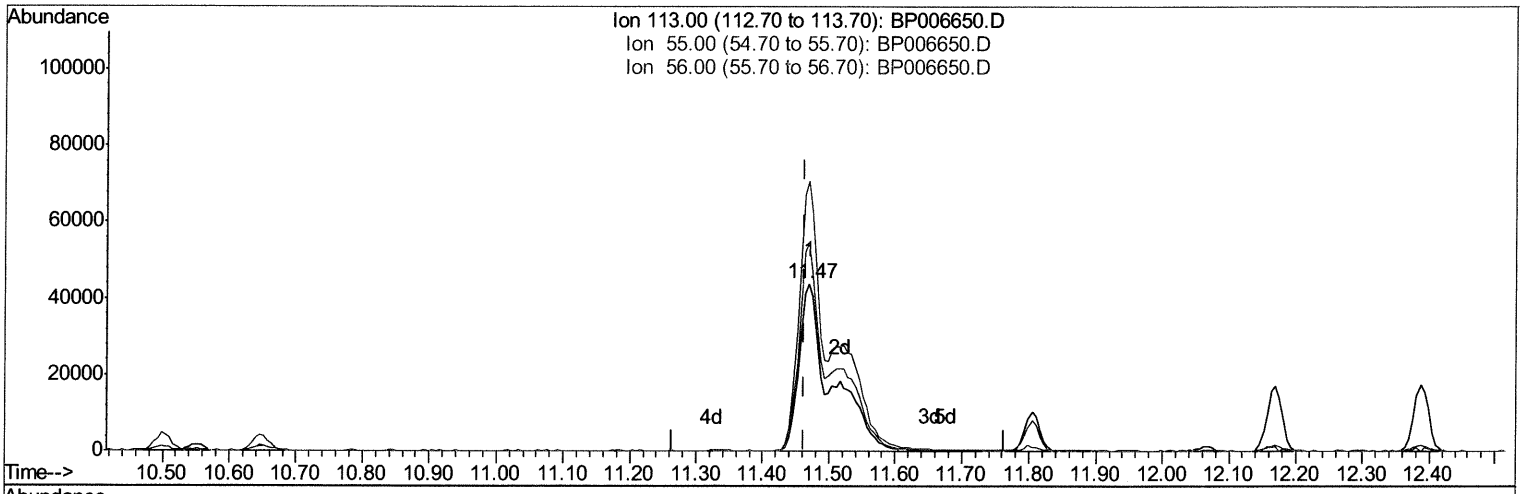

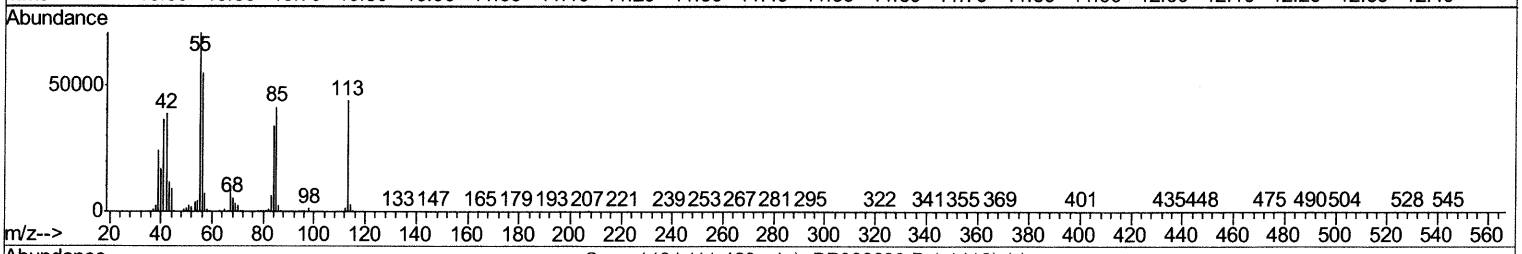

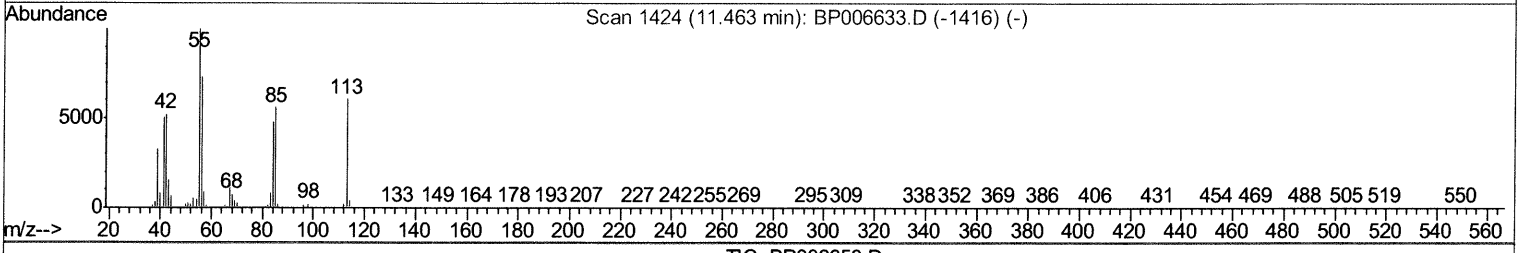

TIC: BP006650.D

(34) Caprolactam

11.469min (+0.006) 38.99ng/ul m

response 149537

JU 8/13/21

Ion	Exp%	Act%
113.00	100	100
55.00	158.10	161.20
56.00	118.70	124.63
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	7.72	152	150426	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	658040	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	376857	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.11	188	741360	20.00	ng/ul	0.00
79) Chrysene-d12	21.22	240	705553	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	729292	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	31628	7.11	ng/uL	0.00
4) Pyridine-d5	3.63	84	455616	35.64	ng/ul	0.00
7) Phenol-d5	6.90	99	568218	37.57	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.06	67	351675	37.84	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	438394	38.92	ng/ul	0.00
15) 4-Methylphenol-d8	8.43	113	446884	36.99	ng/ul	0.00
21) Nitrobenzene-d5	8.88	128	221277	39.61	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	230686	39.47	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.13	165	381475	38.63	ng/ul	0.00
31) 4-Chloroaniline-d4	10.65	131	580329	36.16	ng/ul	0.00
46) Dimethylphthalate-d6	13.78	166	1149556	39.78	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	1432538	40.41	ng/ul	0.00
54) 4-Nitrophenol-d4	14.58	143	244578	40.51	ng/ul	0.00
60) Fluorene-d10	15.36	176	937052	39.87	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	180362	36.81	ng/ul	0.00
73) Anthracene-d10	17.22	188	1413348	40.29	ng/ul	0.00
81) Pyrene-d10	19.46	212	1577427	42.57	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.38	264	1532199	38.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	67153	14.861	ng/uL	98
5) Pyridine	3.65	79	473367	35.766	ng/ul	97
6) Benzaldehyde	6.87	77	382917	51.500	ng/ul	98
8) Phenol	6.93	94	594349	38.484	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.16	93	457290	38.415	ng/ul	99
12) 2-Chlorophenol	7.28	128	456794	40.222	ng/ul	98
13) 2-Methylphenol	8.17	108	430509	37.887	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.25	45	531678	38.226	ng/ul	99
16) Acetophenone	8.55	105	708240	37.240	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.53	70	390773	38.200	ng/ul	98
18) 4-Methylphenol	8.50	108	463274	37.501	ng/ul	95
19) Hexachloroethane	8.78	117	197550	39.973	ng/ul	98
22) Nitrobenzene	8.92	77	588714	40.257	ng/ul	99
23) Isophorone	9.45	82	1054739	38.677	ng/ul	100
25) 2-Nitrophenol	9.62	139	248873	40.371	ng/ul	98
26) 2,4-Dimethylphenol	9.69	107	459868	34.724	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.93	93	613619	38.817	ng/ul	100
29) 2,4-Dichlorophenol	10.16	162	384221	40.105	ng/ul	99
30) Naphthalene	10.55	128	1413967	39.592	ng/ul	99
32) 4-Chloroaniline	10.68	127	577049	36.638	ng/ul	99
33) Hexachlorobutadiene	10.83	225	226849	40.160	ng/ul	99
34) Caprolactam	11.47	113	149537m)	38.987	ng/ul	3

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.80	107	494502	40.350	ng/ul	97
36) 2-Methylnaphthalene	12.17	142	960444	39.137	ng/ul	99
37) 1-Methylnaphthalene	12.39	142	935568	38.308	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	411971	40.564	ng/ul	98
40) Hexachlorocyclopentadiene	12.52	237	189154	28.389	ng/ul	98
41) 2,4,6-Trichlorophenol	12.79	196	285928	40.995	ng/ul	100
42) 2,4,5-Trichlorophenol	12.86	196	312933	42.142	ng/ul	99
43) 1,1'-Biphenyl	13.19	154	1177503	40.192	ng/ul	99
44) 2-Chloronaphthalene	13.23	162	886291	39.875	ng/ul	100
45) 2-Nitroaniline	13.45	65	344631	42.997	ng/ul	100
47) Dimethylphthalate	13.83	163	1153301	40.345	ng/ul	100
48) 2,6-Dinitrotoluene	13.95	165	233848	42.384	ng/ul	91
50) Acenaphthylene	14.08	152	1386592	40.012	ng/ul	99
51) 3-Nitroaniline	14.27	138	279122	44.176	ng/ul	96
52) Acenaphthene	14.42	153	986647	39.930	ng/ul	99
53) 2,4-Dinitrophenol	14.49	184	129501	36.289	ng/ul	98
55) 4-Nitrophenol	14.59	109	230000	42.487	ng/ul	97
56) Dibenzofuran	14.76	168	1335437	40.420	ng/ul	96
57) 2,4-Dinitrotoluene	14.74	165	349866	43.103	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.99	232	253042	41.050	ng/ul	94
59) Diethylphthalate	15.20	149	1257570	41.388	ng/ul	99
61) Fluorene	15.41	166	1112088	40.369	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.41	204	501699	40.229	ng/ul	98
63) 4-Nitroaniline	15.45	138	300234	50.744	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.50	198	184737	37.712	ng/ul	93
67) N-Nitrosodiphenylamine	15.63	169	935080	41.063	ng/ul	99
68) 4-Bromophenyl-phenylether	16.31	248	299028	40.897	ng/ul	97
69) Hexachlorobenzene	16.42	284	338715	40.991	ng/ul	98
70) Atrazine	16.59	200	324281	40.142	ng/ul	99
71) Pentachlorophenol	16.76	266	215735	39.859	ng/ul	99
72) Phenanthrene	17.16	178	1717115	40.999	ng/ul	99
74) Anthracene	17.25	178	1717139	40.375	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.15	216	410897	40.759	ng/uL	98
76) Pentachlorobenzene	14.67	250	405149	40.790	ng/uL	98
77) Carbazole	17.53	167	1625426	40.919	ng/ul	100
78) Di-n-butylphthalate	18.09	149	2126883	41.411	ng/ul	100
80) Fluoranthene	19.13	202	1941930	41.700	ng/ul	100
82) Pyrene	19.49	202	1988187	41.334	ng/ul	98
83) Butylbenzylphthalate	20.37	149	983415	41.355	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.14	252	606711	37.683	ng/ul	100
85) Benzo(a)anthracene	21.20	228	1880716	40.924	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.14	149	1503715	41.037	ng/ul	100
87) Chrysene	21.25	228	1808133	40.807	ng/ul	100
89) Di-n-octyl phthalate	22.05	149	2571597	40.793	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	1963673	41.449	ng/ul	99
91) Benzo(k)fluoranthene	22.87	252	1891576	41.240	ng/ul	99
93) Benzo(a)pyrene	23.43	252	1753687	40.862	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.92	276	2286062	40.738	ng/ul	98
95) Dibenzo(a,h)anthracene	25.94	278	1919468	40.722	ng/ul	99
96) Benzo(g,h,i)perylene	26.66	276	1898831	40.754	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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