Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP080921\
Data File : BP006607.D
Acq On : 09 Aug 2021 10:52
Operator : CG/JU
Sample : PB138195BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 09 11:27:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 07 13:59:25 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS195

Manual Integrations APPROVED
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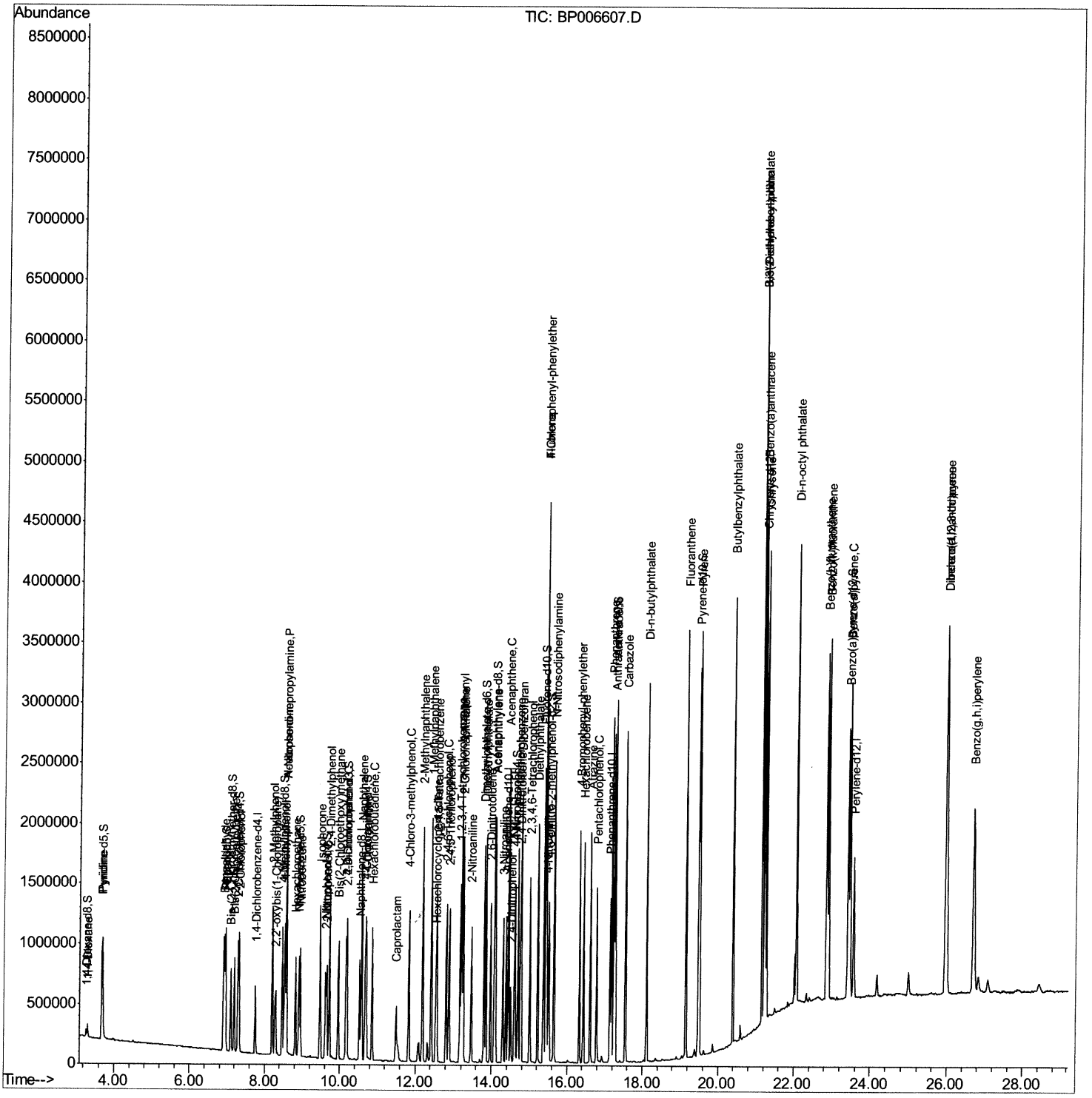

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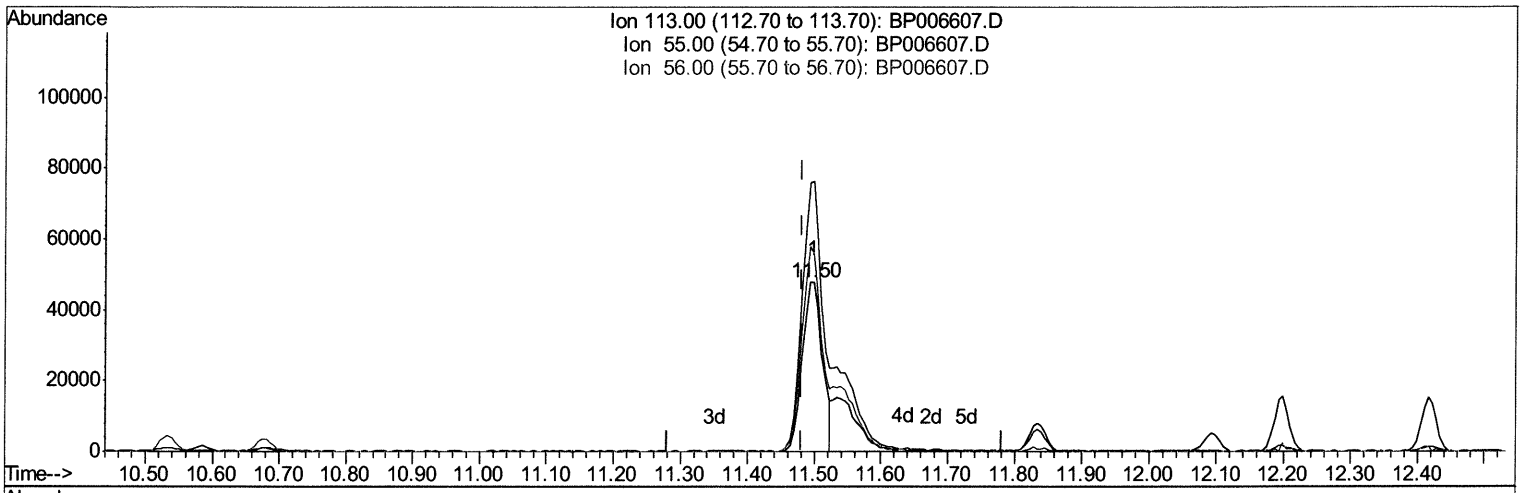

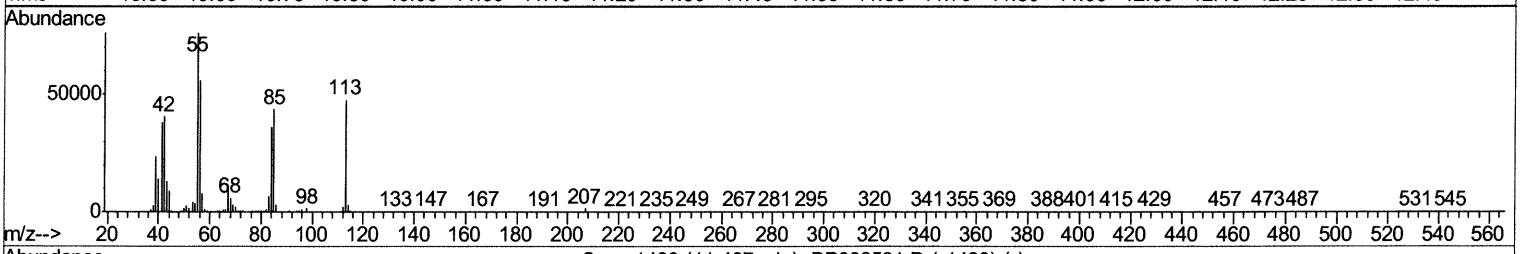

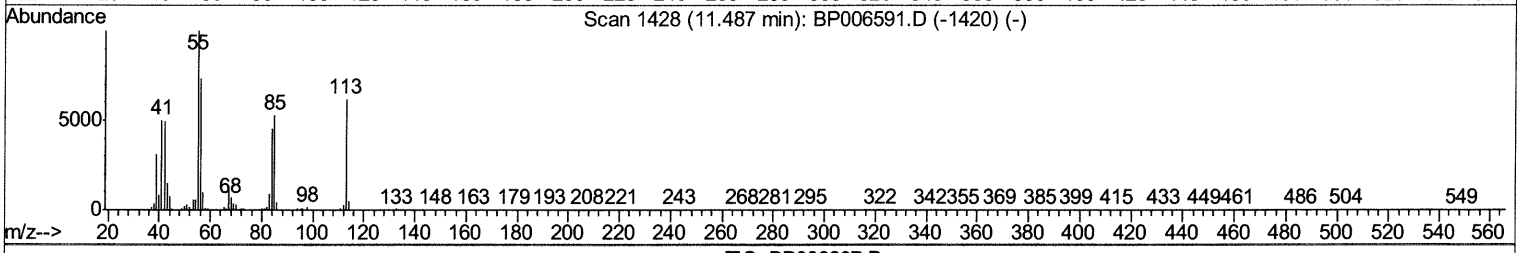

TIC: BP006607.D

(34) Caprolactam

11.498min (+0.017) 32.81ng/ul

response 100240

Ion	Exp%	Act%
113.00	100	100
55.00	166.40	159.74
56.00	118.80	117.00
0.00	0.00	0.00

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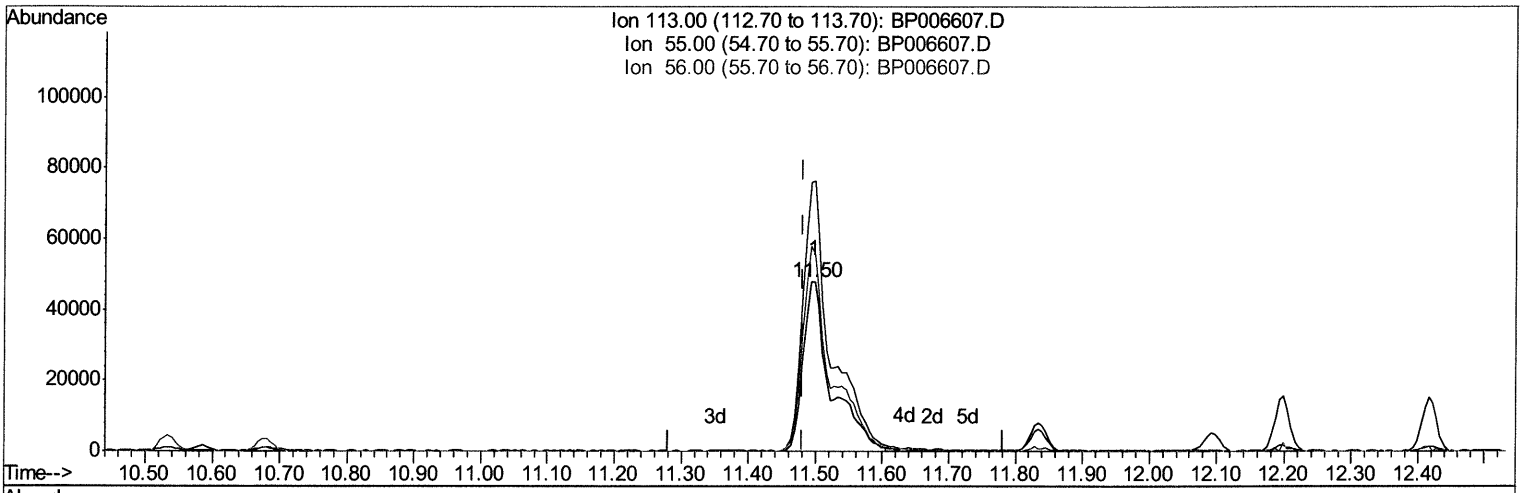

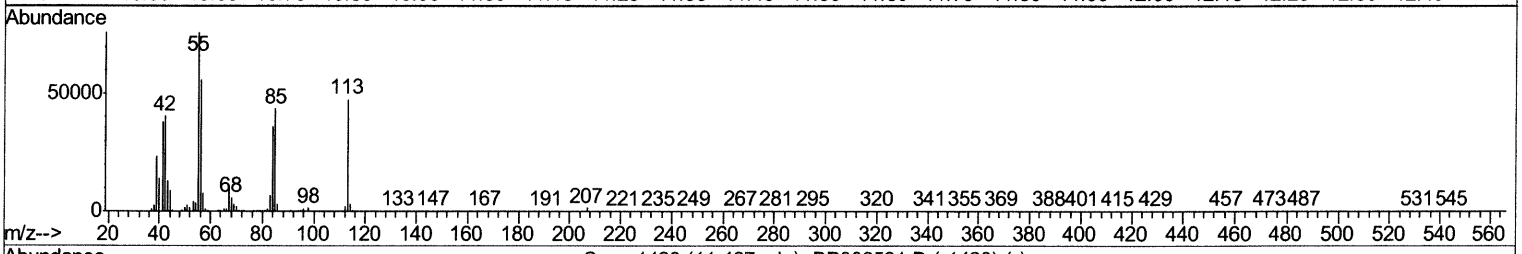

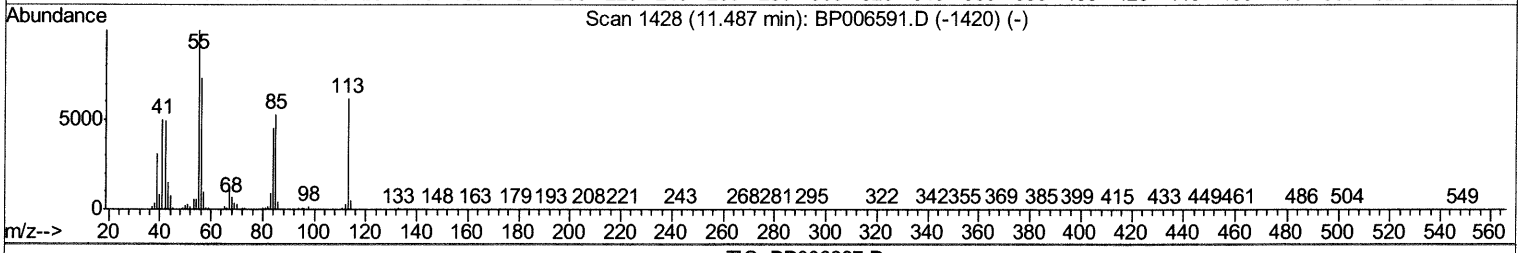

TIC: BP006607.D

(34) Caprolactam

11.498min (+0.017) 45.93ng/ul m 08/12/21 JG

response 140312

Ion	Exp%	Act%
113.00	100	100
55.00	166.40	159.74
56.00	118.80	117.00
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	7.75	152	142822	20.00	ng/ul	0.00
20) Naphthalene-d8	10.53	136	647239	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	374628	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	748167	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	725683	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	766774	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	27840	7.28	ng/uL	0.00
4) Pyridine-d5	3.68	84	413308	36.39	ng/ul	0.00
7) Phenol-d5	6.93	99	506945	37.79	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.09	67	312604	37.45	ng/ul	0.00
11) 2-Chlorophenol-d4	7.29	132	394046	39.54	ng/ul	0.00
15) 4-Methylphenol-d8	8.46	113	400123	37.93	ng/ul	0.00
21) Nitrobenzene-d5	8.91	128	198112	41.11	ng/ul	0.00
24) 2-Nitrophenol-d4	9.62	143	209287	45.48	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.16	165	346644	38.44	ng/ul	0.00
31) 4-Chloroaniline-d4	10.68	131	510289	34.37	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	1056916	39.64	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	1334476	40.74	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	214801	40.57	ng/ul	0.01
60) Fluorene-d10	15.38	176	875422	39.06	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.51	200	159718	38.29	ng/ul	0.01
73) Anthracene-d10	17.23	188	1356384	40.16	ng/ul	0.00
81) Pyrene-d10	19.48	212	1503734	40.29	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.42	264	1528789	39.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	59357	14.694	ng/uL	97
5) Pyridine	3.69	79	427041	36.050	ng/ul	96
6) Benzaldehyde	6.90	77	334014	45.640	ng/ul	95
8) Phenol	6.96	94	530615	38.699	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.19	93	407761	37.808	ng/ul	97
12) 2-Chlorophenol	7.32	128	406362	40.221	ng/ul	98
13) 2-Methylphenol	8.20	108	392153	39.194	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.29	45	480664	39.892	ng/ul	99
16) Acetophenone	8.58	105	636758	39.255	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.56	70	354000	41.715	ng/ul	98
18) 4-Methylphenol	8.53	108	415705	38.692	ng/ul	97
19) Hexachloroethane	8.82	117	172550	41.752	ng/ul	95
22) Nitrobenzene	8.95	77	525838	42.054	ng/ul	97
23) Isophorone	9.48	82	951369	42.561	ng/ul	99
25) 2-Nitrophenol	9.66	139	222913	43.929	ng/ul	97
26) 2,4-Dimethylphenol	9.72	107	462708	38.449	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.96	93	547658	38.152	ng/ul	99
29) 2,4-Dichlorophenol	10.19	162	349139	39.465	ng/ul	99
30) Naphthalene	10.59	128	1289115	38.388	ng/ul	100
32) 4-Chloroaniline	10.70	127	498834	34.110	ng/ul	99
33) Hexachlorobutadiene	10.86	225	205655	38.104	ng/ul	98
34) Caprolactam	11.50	113	140312m	> 45.931	ng/ul	>

08/12/21 CJ

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.83	107	444379	42.077	ng/ul	99
36) 2-Methylnaphthalene	12.20	142	879929	38.241	ng/ul	98
37) 1-Methylnaphthalene	12.42	142	856909	36.998	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	381236	37.762	ng/ul	98
40) Hexachlorocyclopentadiene	12.54	237	163626	24.914	ng/ul	98
41) 2,4,6-Trichlorophenol	12.82	196	261501	41.801	ng/ul	98
42) 2,4,5-Trichlorophenol	12.89	196	280507	40.981	ng/ul	96
43) 1,1'-Biphenyl	13.22	154	1064869	37.919	ng/ul	99
44) 2-Chloronaphthalene	13.25	162	811673	38.281	ng/ul	100
45) 2-Nitroaniline	13.47	65	309900	49.478	ng/ul	96
47) Dimethylphthalate	13.85	163	1048941	40.079	ng/ul	99
48) 2,6-Dinitrotoluene	13.97	165	216047	45.155	ng/ul	97
50) Acenaphthylene	14.10	152	1284135	40.254	ng/ul	100
51) 3-Nitroaniline	14.30	138	248828	44.385	ng/ul	97
52) Acenaphthene	14.45	153	913733	39.039	ng/ul	99
53) 2,4-Dinitrophenol	14.51	184	105548	37.195	ng/ul	96
55) 4-Nitrophenol	14.62	109	197291	46.072	ng/ul	99
56) Dibenzofuran	14.78	168	1225941	39.057	ng/ul	99
57) 2,4-Dinitrotoluene	14.76	165	322046	47.100	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.01	232	234674	43.964	ng/ul	99
59) Diethylphthalate	15.22	149	1134506	41.852	ng/ul	99
61) Fluorene	15.43	166	1027786	39.806	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.43	204	465393	38.663	ng/ul	99
63) 4-Nitroaniline	15.46	138	270864	49.193	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.52	198	162426	39.837	ng/ul#	93
67) N-Nitrosodiphenylamine	15.65	169	879303	39.562	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	276144	46.088	ng/ul	98
69) Hexachlorobenzene	16.43	284	318393	39.623	ng/ul	99
70) Atrazine	16.62	200	300853	39.115	ng/ul	99
71) Pentachlorophenol	16.79	266	201671	39.922	ng/ul	99
72) Phenanthrene	17.18	178	1610877	40.097	ng/ul	99
74) Anthracene	17.27	178	1656112	40.655	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	382903	37.337	ng/uL	98
76) Pentachlorobenzene	14.70	250	376396	37.648	ng/uL	98
77) Carbazole	17.55	167	1539861	41.324	ng/ul	100
78) Di-n-butylphthalate	18.11	149	1989866	44.681	ng/ul	100
80) Fluoranthene	19.15	202	1859083	40.422	ng/ul	98
82) Pyrene	19.51	202	1909189	40.004	ng/ul	99
83) Butylbenzylphthalate	20.39	149	945241	48.271	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.16	252	601133	37.596	ng/ul	99
85) Benzo(a)anthracene	21.22	228	1832169	40.745	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.16	149	1410971	46.021	ng/ul	98
87) Chrysene	21.27	228	1743966	40.461	ng/ul	100
89) Di-n-octyl phthalate	22.06	149	2442625	45.712	ng/ul	100
90) Benzo(b)fluoranthene	22.86	252	1922297	39.470	ng/ul	100
91) Benzo(k)fluoranthene	22.90	252	1846720	39.951	ng/ul	99
93) Benzo(a)pyrene	23.46	252	1707269	40.104	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.97	276	2231561	40.951	ng/ul	98
95) Dibenzo(a,h)anthracene	25.99	278	1880594	40.746	ng/ul	100
96) Benzo(g,h,i)perylene	26.71	276	1870374	41.541	ng/ul	100

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

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