Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072821\
Data File : BP006395.D
Acq On : 28 Jul 2021 18:05
Operator : CG/JU
Sample : PB137941BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 29 01:15:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 04:29:12 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS941

Manual Integrations APPROVED
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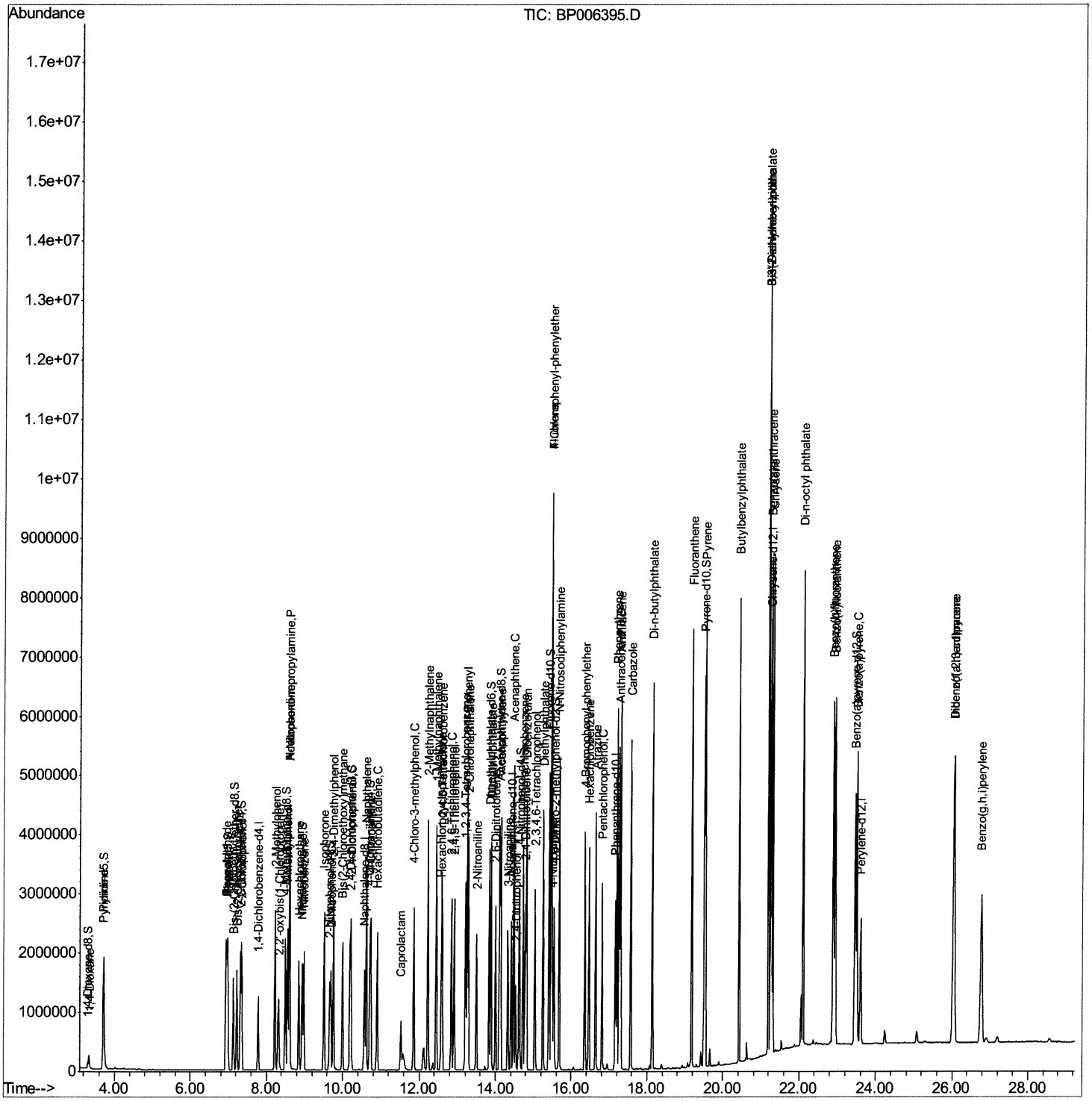

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Quant Time: Jul 29 01:06:25 2021
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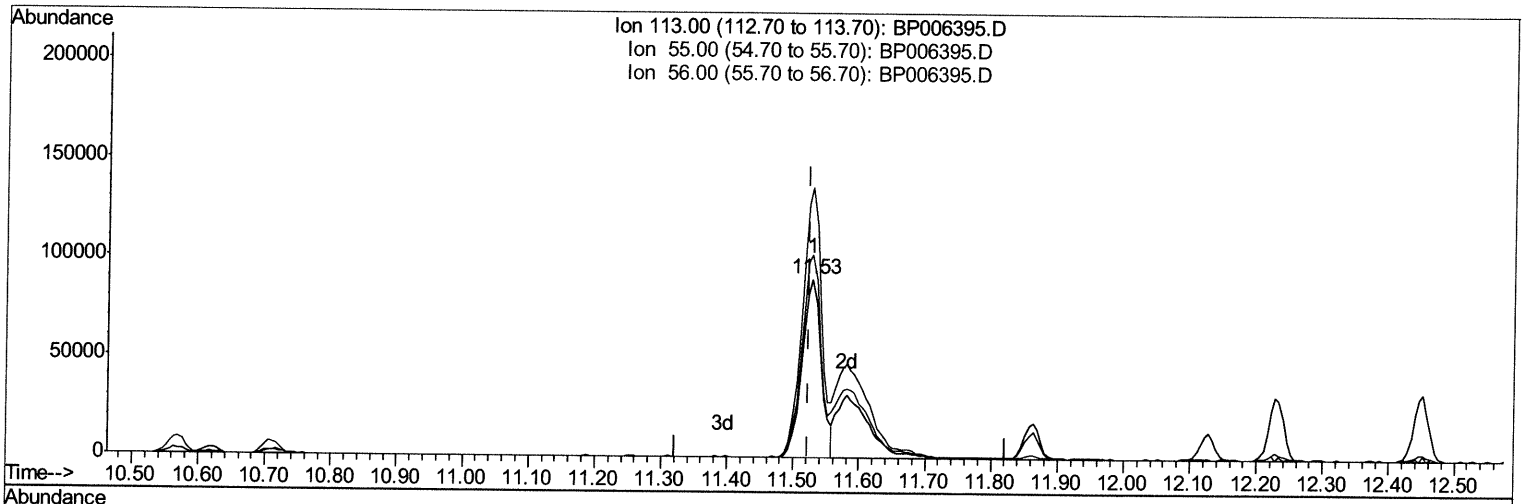

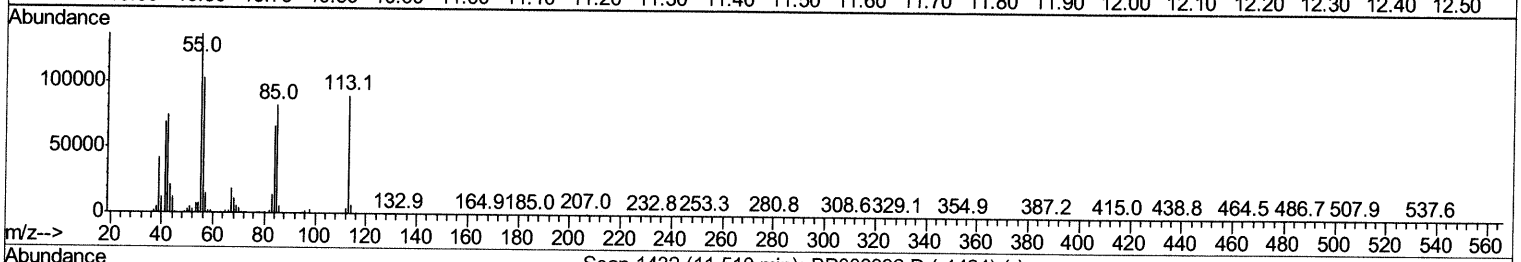

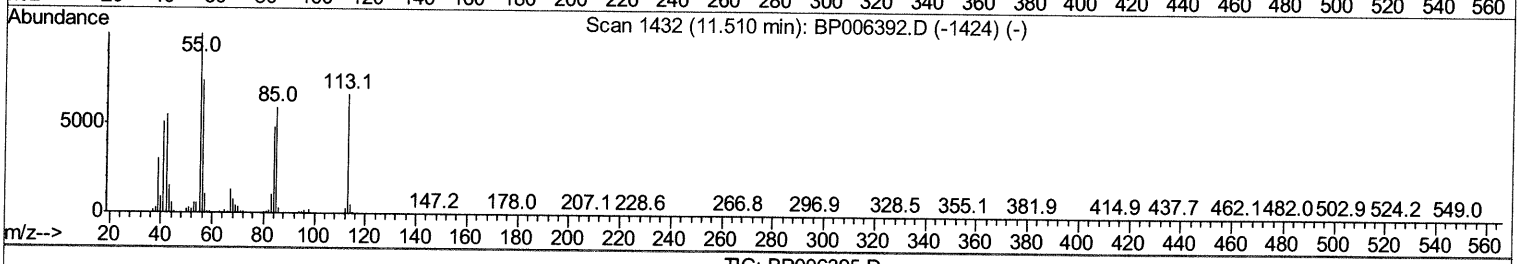

TIC: BP006395.D

(34) Caprolactam

11.528min (+0.006) 28.42ng/ul

response 180084

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	151.33
56.00	111.50	113.63
0.00	0.00	0.00

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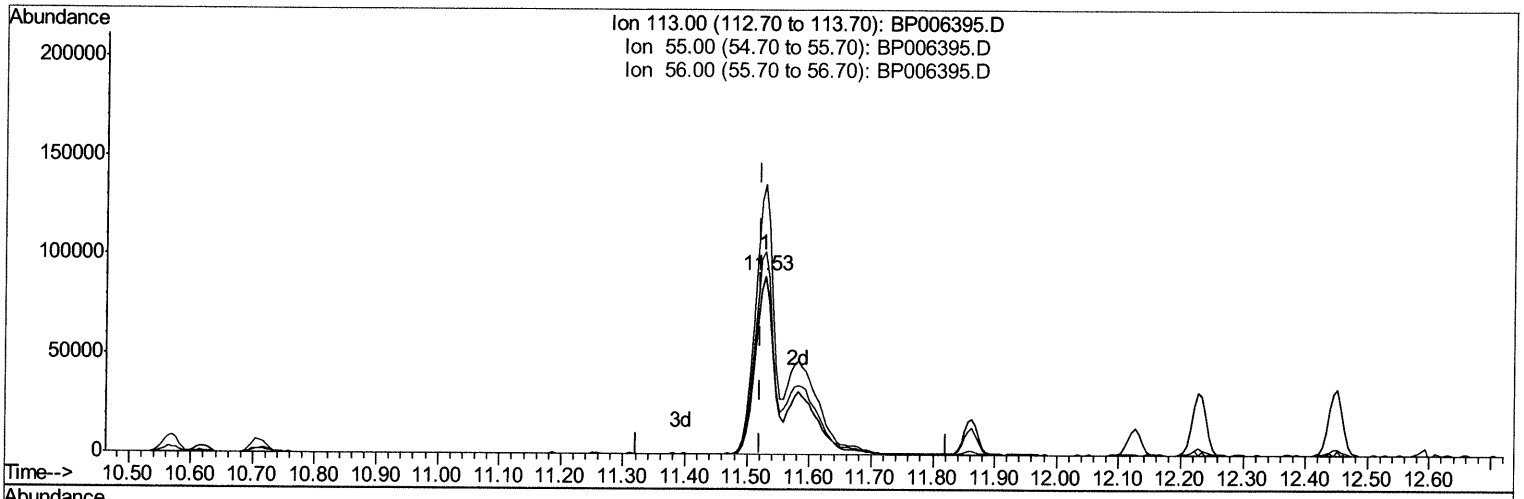

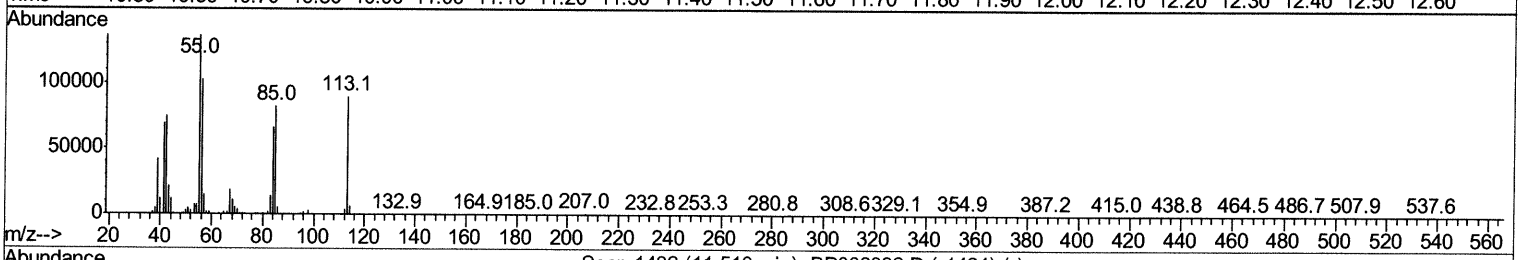

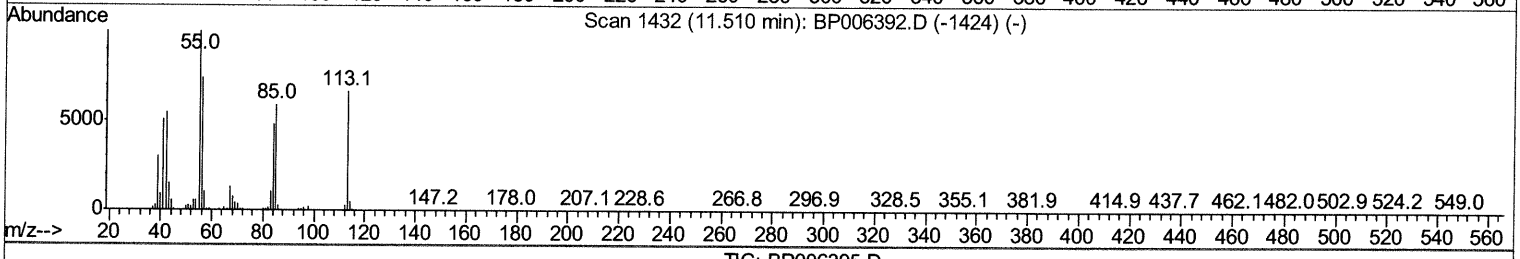

TIC: BP006395.D

(34) Caprolactam

11.528min (+0.006) 45.70ng/ul m 07/30/21JU

response 289528

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	151.33
56.00	111.50	113.63
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	7.78	152	305689	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.57	136	1342363	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.41	164	784187	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.16	188	1551692	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	1496134	20.00	ng/ul	0.00
88) Perylene-d12	23.60	264	1408294	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	64060	7.82	ng/uL	0.00
4) Pyridine-d5	3.70	84	907784	37.34	ng/ul	0.00
7) Phenol-d5	6.96	99	1110044	38.66	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.13	67	696115	38.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.32	132	850857	39.89	ng/ul	-0.01
15) 4-Methylphenol-d8	8.49	113	867173	38.41	ng/ul	0.00
21) Nitrobenzene-d5	8.94	128	415947	41.61	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.66	143	423246	44.35	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.19	165	741515	39.65	ng/ul	0.00
31) 4-Chloroaniline-d4	10.71	131	1060099	34.43	ng/ul	0.00
46) Dimethylphthalate-d6	13.83	166	2237318	40.09	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	2767945	40.37	ng/ul	0.00
54) 4-Nitrophenol-d4	14.62	143	457414	41.28	ng/ul	0.00
60) Fluorene-d10	15.40	176	1836769	39.15	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.53	200	343870	39.75	ng/ul	0.00
73) Anthracene-d10	17.26	188	2811928	40.14	ng/ul	0.00
81) Pyrene-d10	19.50	212	3131126	40.69	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.46	264	2914326	40.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	134253	15.527	ng/uL	99
5) Pyridine	3.72	79	954122	37.632	ng/ul	97
6) Benzaldehyde	6.93	77	742361	47.392	ng/ul	96
8) Phenol	6.99	94	1178037	40.142	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.22	93	916472	39.702	ng/ul	100
12) 2-Chlorophenol	7.35	128	898505	41.550	ng/ul	98
13) 2-Methylphenol	8.23	108	851085	39.742	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.32	45	1059589	41.087	ng/ul	99
16) Acetophenone	8.61	105	1363280	39.266	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.60	70	757257	41.692	ng/ul	96
18) 4-Methylphenol	8.56	108	920987	40.050	ng/ul	98
19) Hexachloroethane	8.85	117	374867	42.379	ng/ul	98
22) Nitrobenzene	8.98	77	1119795	43.180	ng/ul	99
23) Isophorone	9.51	82	1992179	42.972	ng/ul	99
25) 2-Nitrophenol	9.69	139	476013	45.230	ng/ul	96
26) 2,4-Dimethylphenol	9.75	107	992338	39.759	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.99	93	1200655	40.329	ng/ul	100
29) 2,4-Dichlorophenol	10.22	162	756648	41.238	ng/ul	98
30) Naphthalene	10.62	128	2748315	39.461	ng/ul	100
32) 4-Chloroaniline	10.73	127	1081372	35.653	ng/ul	99
33) Hexachlorobutadiene	10.90	225	441597	39.451	ng/ul	99
34) Caprolactam	11.53	113	289528m	> 45.698	ng/ul	> 07/30/21 JU

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.86	107	953062	43.512	ng/ul	99
36) 2-Methylnaphthalene	12.23	142	1892535	39.657	ng/ul	100
37) 1-Methylnaphthalene	12.45	142	1843326	38.374	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	824977	39.037	ng/ul	98
40) Hexachlorocyclopentadiene	12.57	237	444762	32.352	ng/ul	97
41) 2,4,6-Trichlorophenol	12.84	196	564254	43.089	ng/ul	99
42) 2,4,5-Trichlorophenol	12.91	196	615364	42.949	ng/ul	98
43) 1,1'-Biphenyl	13.25	154	2325759	39.564	ng/ul	99
44) 2-Chloronaphthalene	13.29	162	1739660	39.196	ng/ul	98
45) 2-Nitroaniline	13.50	65	645065	49.201	ng/ul	97
47) Dimethylphthalate	13.88	163	2259957	41.252	ng/ul	100
48) 2,6-Dinitrotoluene	14.00	165	470592	46.987	ng/ul	98
50) Acenaphthylene	14.13	152	2694248	40.348	ng/ul	99
51) 3-Nitroaniline	14.32	138	511039	43.548	ng/ul	95
52) Acenaphthene	14.47	153	1945313	39.706	ng/ul	99
53) 2,4-Dinitrophenol	14.53	184	239589	40.335	ng/ul	98
55) 4-Nitrophenol	14.63	109	405501	45.238	ng/ul	95
56) Dibenzofuran	14.81	168	2602224	39.605	ng/ul	96
57) 2,4-Dinitrotoluene	14.78	165	680242	47.528	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.04	232	501013	44.840	ng/ul	98
59) Diethylphthalate	15.25	149	2450631	43.188	ng/ul	99
61) Fluorene	15.46	166	2193399	40.583	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.46	204	999273	39.659	ng/ul	99
63) 4-Nitroaniline	15.49	138	551407	47.841	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.55	198	354573	41.930	ng/ul#	98
67) N-Nitrosodiphenylamine	15.67	169	1878634	40.754	ng/ul	100
68) 4-Bromophenyl-phenylether	16.36	248	593871	47.790	ng/ul	97
69) Hexachlorobenzene	16.46	284	674463	40.471	ng/ul	100
70) Atrazine	16.64	200	675630	42.353	ng/ul	99
71) Pentachlorophenol	16.81	266	445648	42.536	ng/ul	100
72) Phenanthrene	17.20	178	3394399	40.739	ng/ul	99
74) Anthracene	17.30	178	3401689	40.264	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	825453	38.809	ng/uL	100
76) Pentachlorobenzene	14.73	250	820516	39.571	ng/uL	99
77) Carbazole	17.57	167	3189284	41.267	ng/ul	99
78) Di-n-butylphthalate	18.14	149	4265184	46.177	ng/ul	100
80) Fluoranthene	19.18	202	3897547	41.104	ng/ul	100
82) Pyrene	19.53	202	3984826	40.499	ng/ul	99
83) Butylbenzylphthalate	20.42	149	1983767	49.137	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.19	252	1265742	38.397	ng/ul	99
85) Benzo(a)anthracene	21.24	228	3823317	41.240	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	3050325	48.257	ng/ul	99
87) Chrysene	21.30	228	3638878	40.949	ng/ul	99
89) Di-n-octyl phthalate	22.10	149	5158328	52.560	ng/ul	100
90) Benzo(b)fluoranthene	22.89	252	3839990	42.929	ng/ul	99
91) Benzo(k)fluoranthene	22.94	252	3757091	44.255	ng/ul	100
93) Benzo(a)pyrene	23.50	252	3358317	42.952	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.03	276	3757654	37.544	ng/ul	97
95) Dibenzo(a,h)anthracene	26.06	278	3181901	37.536	ng/ul	99
96) Benzo(g,h,i)perylene	26.77	276	2993016	36.194	ng/ul	97

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

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