Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072421\
Data File : BP006318.D
Acq On : 24 Jul 2021 22:29
Operator : CG/JU
Sample : PB137778BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 26 04:31:00 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 :
SLCS778

Manual Integrations APPROVED
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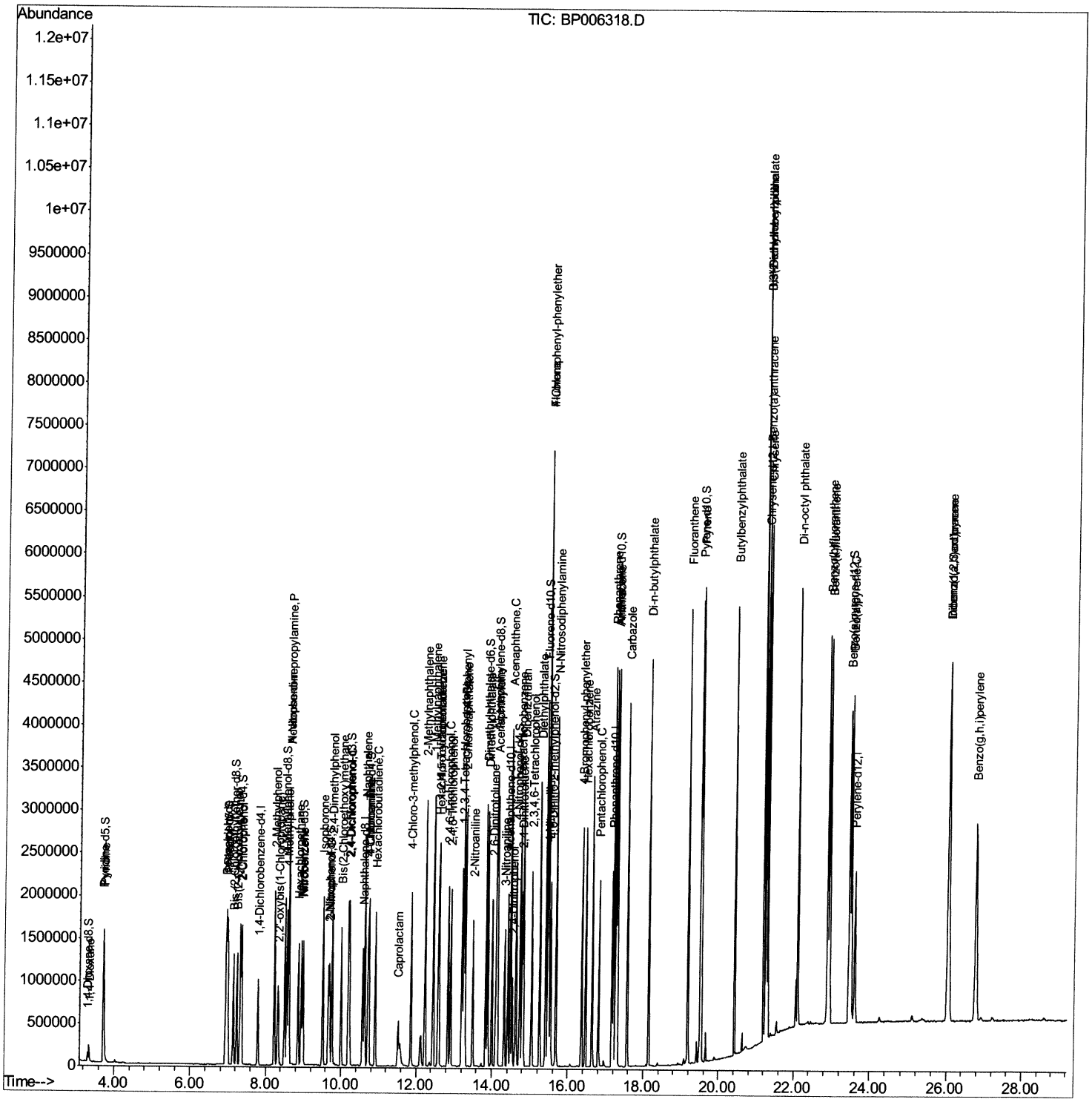

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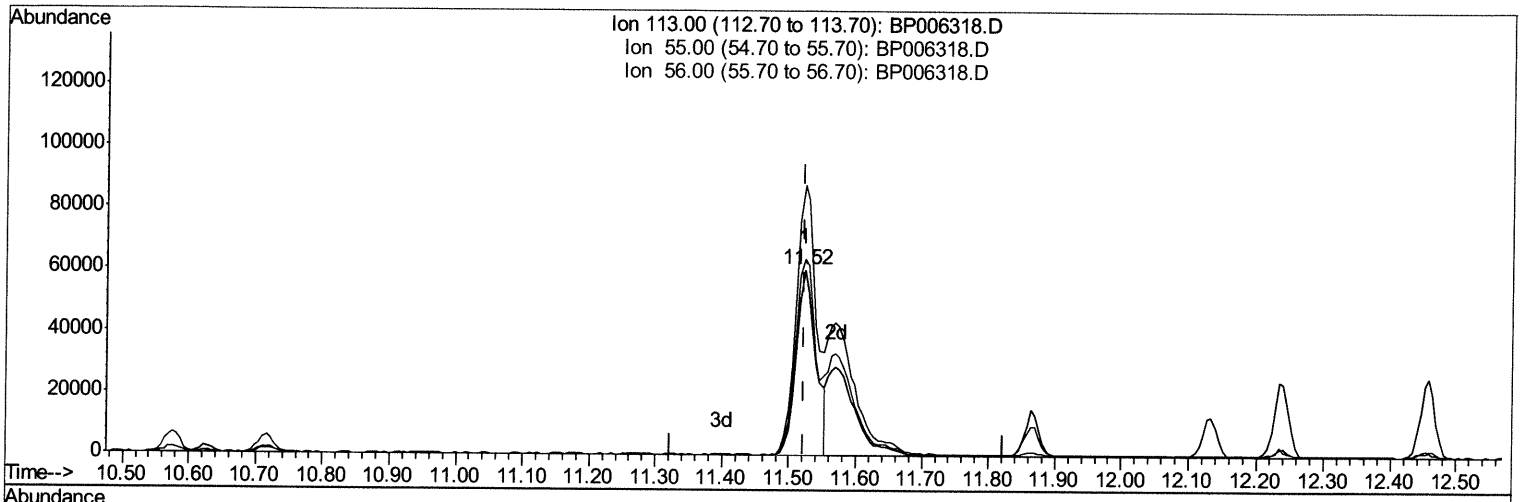

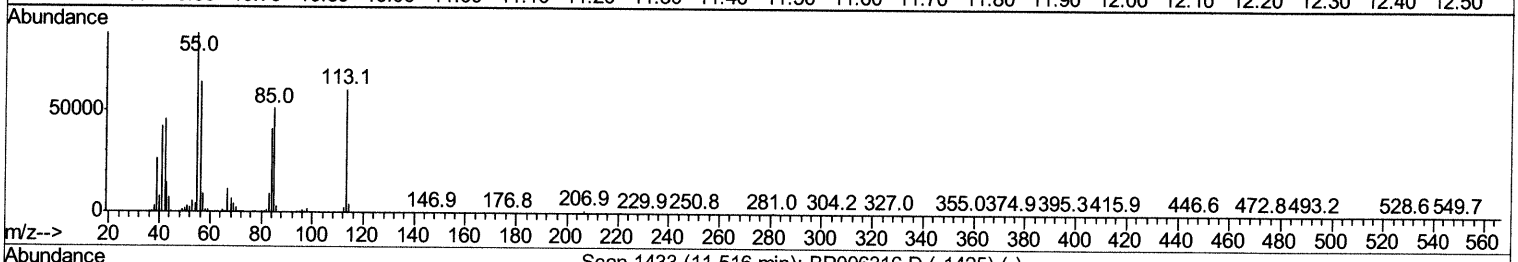

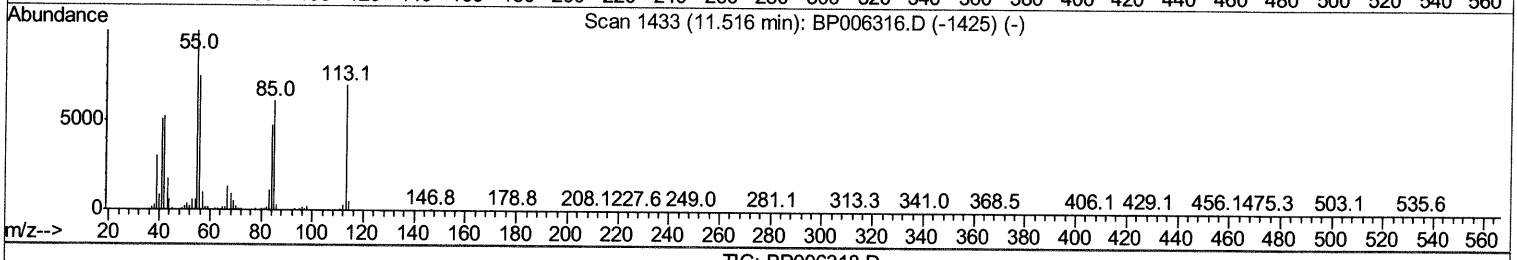

TIC: BP006318.D

(34) Caprolactam

11.522min (+0.000) 23.51ng/ul

response 121396

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	145.46
56.00	111.50	105.62
0.00	0.00	0.00

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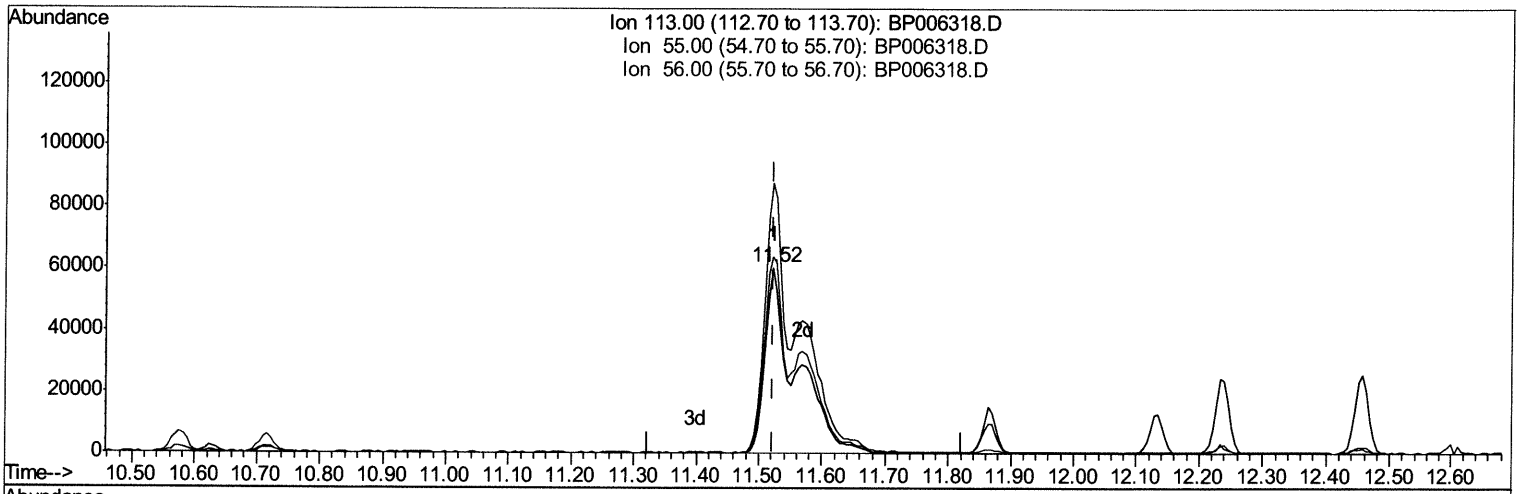

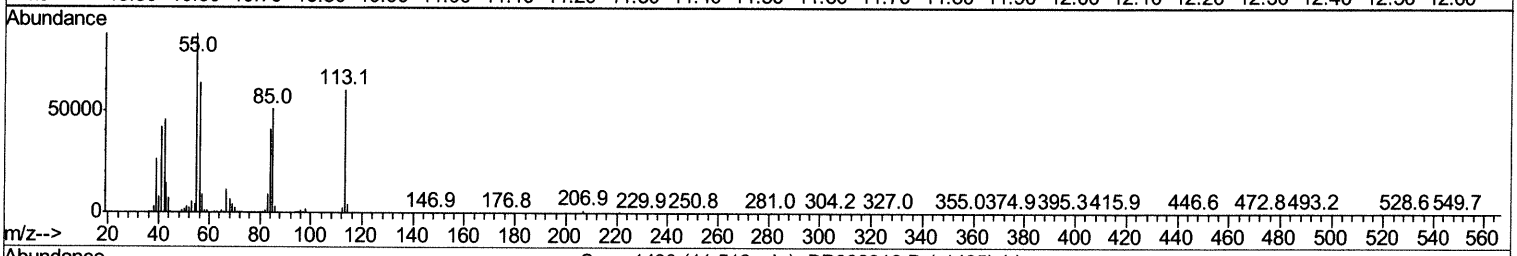

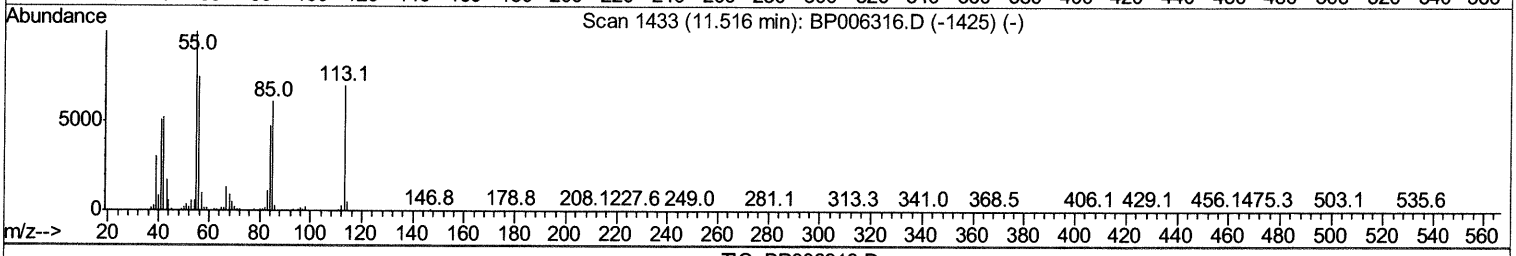

TIC: BP006318.D

(34) Caprolactam

11.522min (+0.000) 40.10ng/ul m JU 07/27/21

response 207013

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	145.46
56.00	111.50	105.62
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	7.79	152	258131	20.00	ng/ul	0.00
20) Naphthalene-d8	10.58	136	1093883	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.42	164	627138	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.17	188	1215118	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	1151389	20.00	ng/ul	0.00
88) Perylene-d12	23.61	264	1154061	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	54515	7.88	ng/uL	0.00
4) Pyridine-d5	3.71	84	787934	38.38	ng/ul	0.00
7) Phenol-d5	6.96	99	943274	38.91	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.13	67	582356	38.61	ng/ul	0.00
11) 2-Chlorophenol-d4	7.32	132	728028	40.42	ng/ul	0.00
15) 4-Methylphenol-d8	8.50	113	735269	38.57	ng/ul	0.00
21) Nitrobenzene-d5	8.95	128	342275	42.02	ng/ul	0.00
24) 2-Nitrophenol-d4	9.66	143	342715	44.07	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.20	165	620862	40.74	ng/ul	0.00
31) 4-Chloroaniline-d4	10.72	131	889437	35.45	ng/ul	0.00
46) Dimethylphthalate-d6	13.84	166	1871493	41.93	ng/ul	0.00
49) Acenaphthylene-d8	14.11	160	2330786	42.50	ng/ul	0.00
54) 4-Nitrophenol-d4	14.62	143	377158	42.56	ng/ul	0.00
60) Fluorene-d10	15.41	176	1540480	41.05	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	280227	41.37	ng/ul	0.00
73) Anthracene-d10	17.27	188	2366132	43.14	ng/ul	0.00
81) Pyrene-d10	19.51	212	2584085	43.63	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.46	264	2504196	42.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	106267	14.555	ng/uL	98
5) Pyridine	3.73	79	742805	34.695	ng/ul	100
6) Benzaldehyde	6.94	77	533784	40.355	ng/ul	97
8) Phenol	6.99	94	908006	36.641	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.23	93	691374	35.468	ng/ul	99
12) 2-Chlorophenol	7.36	128	684597	37.491	ng/ul	98
13) 2-Methylphenol	8.23	108	646243	35.736	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.33	45	789823	36.269	ng/ul	100
16) Acetophenone	8.62	105	1031626	35.188	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.61	70	556433	36.279	ng/ul	98
18) 4-Methylphenol	8.56	108	697730	35.931	ng/ul	99
19) Hexachloroethane	8.86	117	281348	37.667	ng/ul	98
22) Nitrobenzene	8.99	77	827561	39.160	ng/ul	100
23) Isophorone	9.52	82	1460334	38.655	ng/ul	100
25) 2-Nitrophenol	9.69	139	346861	40.445	ng/ul	100
26) 2,4-Dimethylphenol	9.76	107	760375	37.385	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.00	93	907953	37.425	ng/ul	99
29) 2,4-Dichlorophenol	10.22	162	569990	38.122	ng/ul	98
30) Naphthalene	10.63	128	2100149	37.004	ng/ul	100
32) 4-Chloroaniline	10.74	127	809670	32.759	ng/ul	99
33) Hexachlorobutadiene	10.91	225	336754	36.918	ng/ul	98
34) Caprolactam	11.52	113	207013m	40.097	ng/ul	98

7/27/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.86	107	705996	39.554	ng/ul	99
36) 2-Methylnaphthalene	12.24	142	1432417	36.834	ng/ul	99
37) 1-Methylnaphthalene	12.46	142	1394157	35.616	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	633691	37.495	ng/ul	99
40) Hexachlorocyclopentadiene	12.59	237	366870	33.369	ng/ul	97
41) 2,4,6-Trichlorophenol	12.85	196	419093	40.018	ng/ul	100
42) 2,4,5-Trichlorophenol	12.92	196	456300	39.823	ng/ul	98
43) 1,1'-Biphenyl	13.25	154	1742668	37.069	ng/ul	99
44) 2-Chloronaphthalene	13.29	162	1317843	37.128	ng/ul	98
45) 2-Nitroaniline	13.50	65	449242	42.846	ng/ul	97
47) Dimethylphthalate	13.89	163	1711044	39.054	ng/ul	100
48) 2,6-Dinitrotoluene	14.00	165	340903	42.562	ng/ul	98
50) Acenaphthylene	14.14	152	2042624	38.249	ng/ul	100
51) 3-Nitroaniline	14.33	138	358098	38.157	ng/ul	99
52) Acenaphthene	14.48	153	1478955	37.746	ng/ul	99
53) 2,4-Dinitrophenol	14.53	184	182801	38.481	ng/ul	99
55) 4-Nitrophenol	14.63	109	298634	41.659	ng/ul	96
56) Dibenzofuran	14.82	168	1990452	37.880	ng/ul	96
57) 2,4-Dinitrotoluene	14.79	165	499597	43.648	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.04	232	366736	41.042	ng/ul	95
59) Diethylphthalate	15.26	149	1828594	40.296	ng/ul	100
61) Fluorene	15.47	166	1655591	38.304	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.47	204	762652	37.848	ng/ul	99
63) 4-Nitroaniline	15.49	138	393130	42.651	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.55	198	262895	39.700	ng/ul	98
67) N-Nitrosodiphenylamine	15.68	169	1424183	39.453	ng/ul	100
68) 4-Bromophenyl-phenylether	16.36	248	424259	43.598	ng/ul	96
69) Hexachlorobenzene	16.47	284	511873	39.222	ng/ul	98
70) Atrazine	16.65	200	503406	40.298	ng/ul	100
71) Pentachlorophenol	16.82	266	315548	38.461	ng/ul	98
72) Phenanthrene	17.21	178	2568295	39.362	ng/ul	99
74) Anthracene	17.30	178	2603450	39.351	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.21	216	628730	37.748	ng/uL	99
76) Pentachlorobenzene	14.73	250	620654	38.223	ng/uL	98
77) Carbazole	17.57	167	2405668	39.750	ng/ul	99
78) Di-n-butylphthalate	18.15	149	3076922	42.539	ng/ul	100
80) Fluoranthene	19.19	202	2919867	40.013	ng/ul	99
82) Pyrene	19.53	202	2954232	39.014	ng/ul	96
83) Butylbenzylphthalate	20.43	149	1353892	43.576	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.19	252	928589	36.603	ng/ul	98
85) Benzo(a)anthracene	21.25	228	2800410	39.251	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	2083330	42.827	ng/ul	100
87) Chrysene	21.30	228	2693056	39.380	ng/ul	99
89) Di-n-octyl phthalate	22.11	149	3488403	43.375	ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	2935168	40.042	ng/ul	99
91) Benzo(k)fluoranthene	22.95	252	2832714	40.717	ng/ul	100
93) Benzo(a)pyrene	23.51	252	2599616	40.572	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.04	276	3304808	40.294	ng/ul	97
95) Dibenzo(a,h)anthracene	26.06	278	2797801	40.276	ng/ul	99
96) Benzo(g,h,i)perylene	26.79	276	2730938	40.300	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