Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052721\
Data File : BM030194.D
Acq On : 27 May 2021 10:37
Operator : CG/JU
Sample : PB136657BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 27 11:14:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 27 10:27:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS657

Manual Integrations APPROVED
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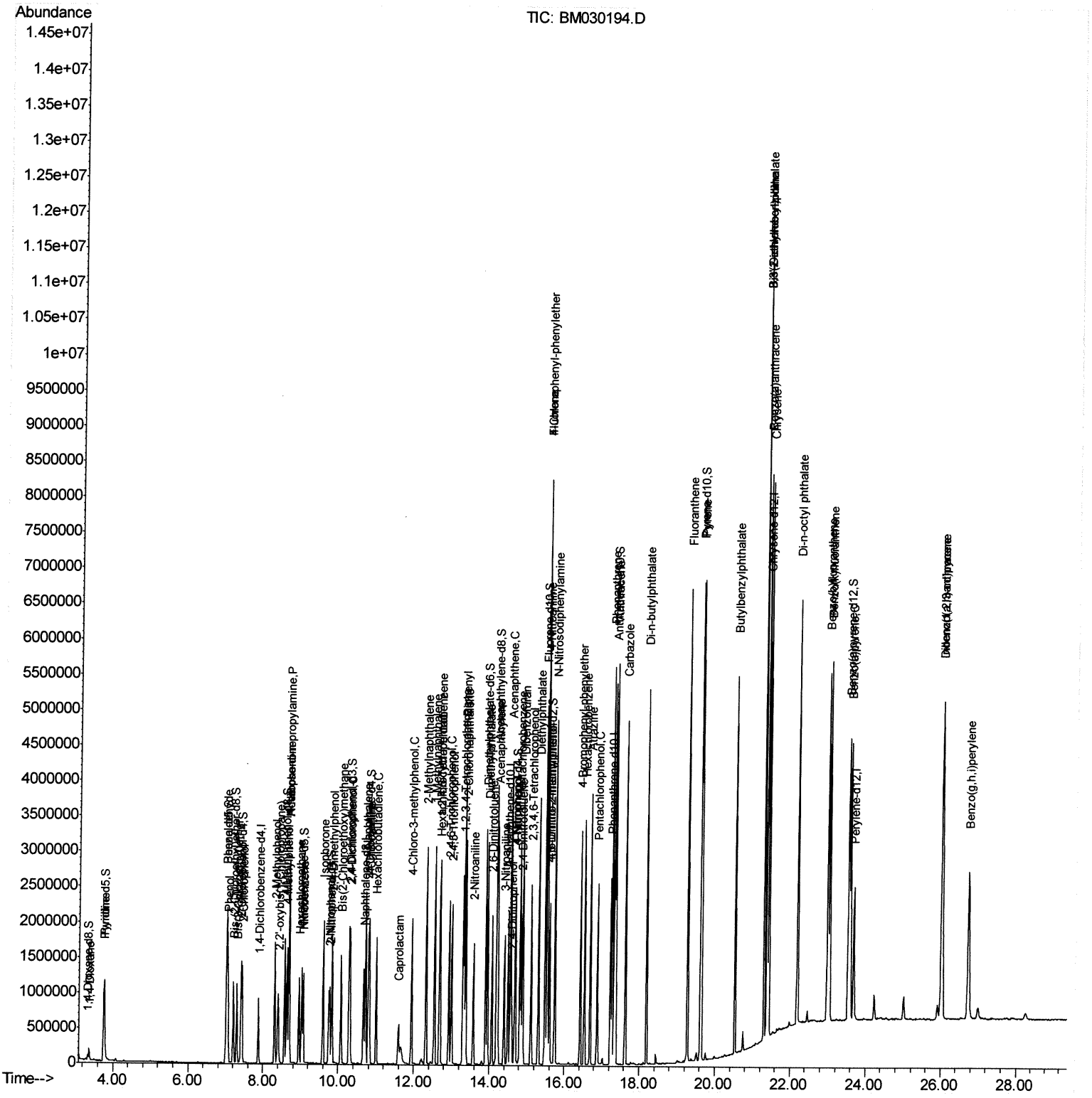

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
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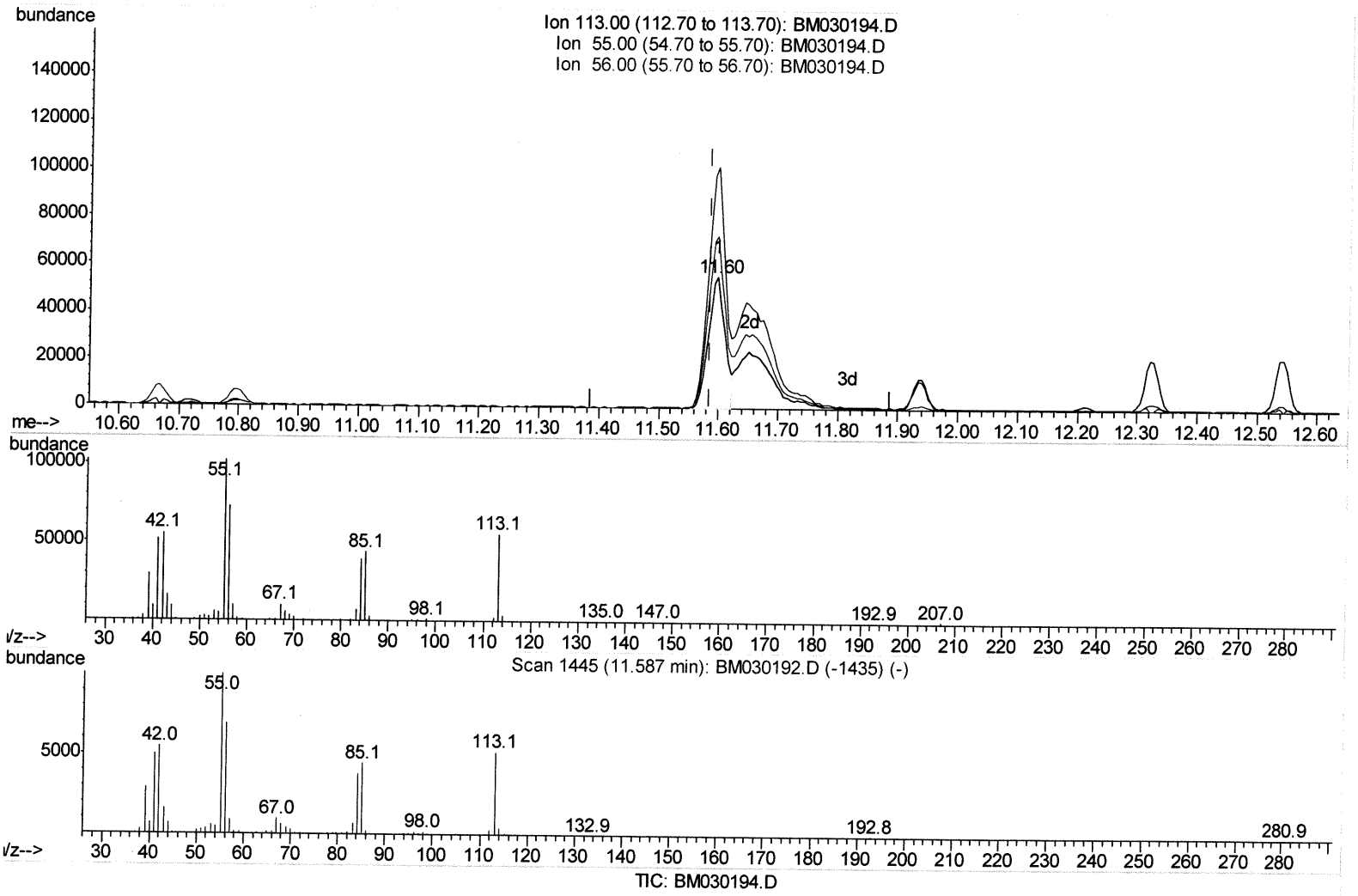

TIC: BM030194.D

(34) Caprolactam

11.598min (+0.011) 20.63ng/ul

response 107106

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	183.73
56.00	134.00	131.17
0.00	0.00	0.00

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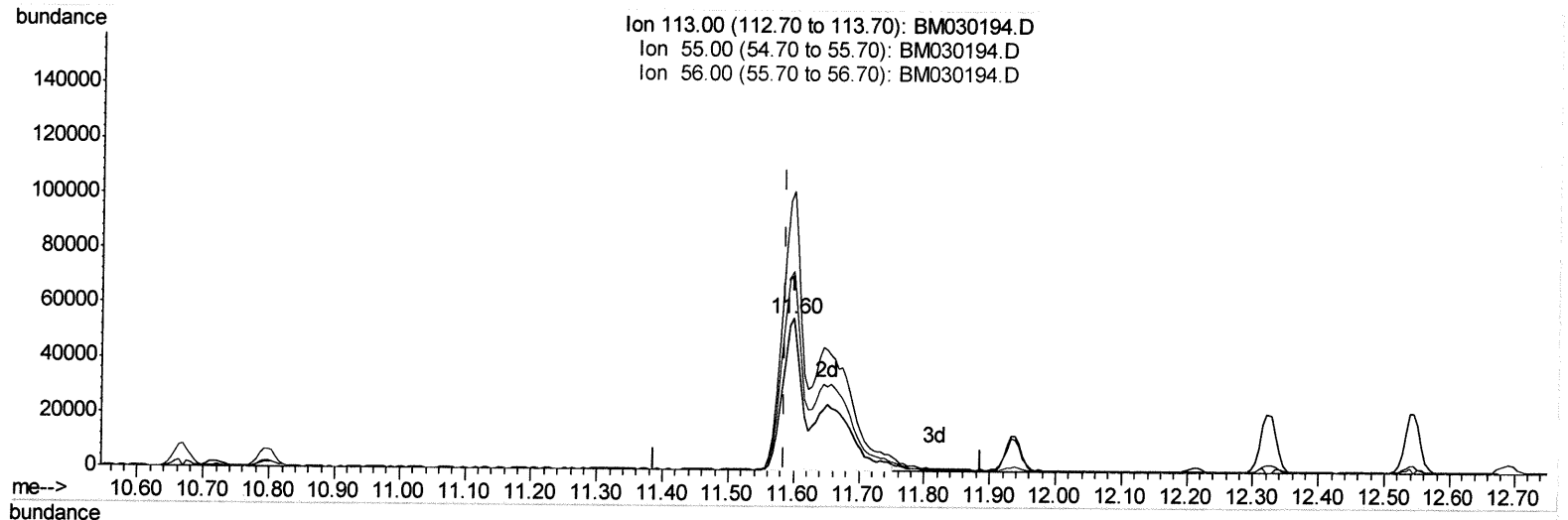
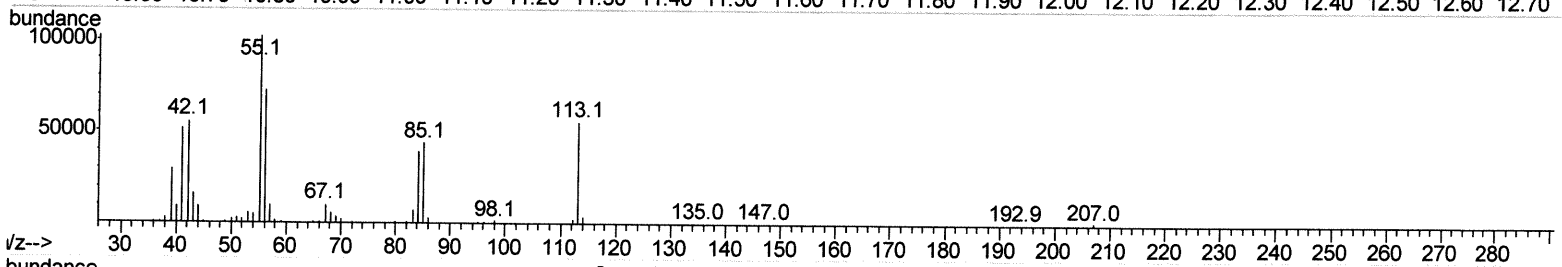
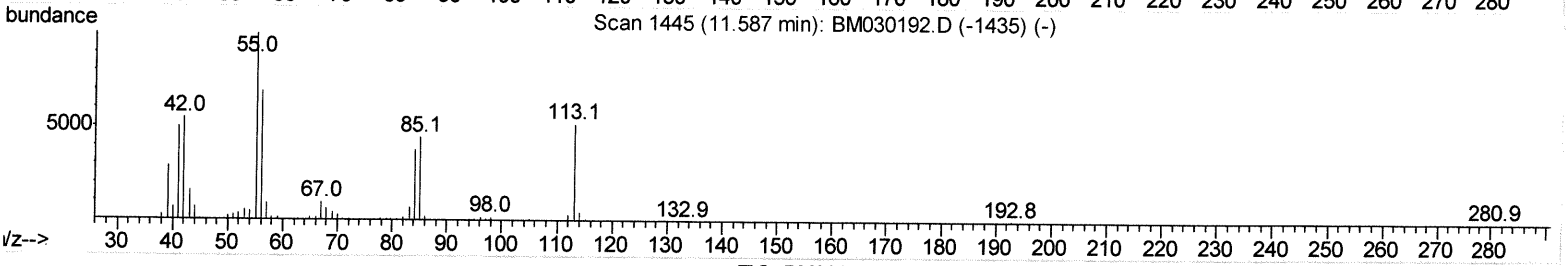




Scan 1445 (11.587 min): BM030192.D (-1435) (-)



TIC: BM030194.D

(34) Caprolactam

11.598min (+0.011) 39.52ng/ul m

response 205162

JU 5/28/21

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	183.73
56.00	134.00	131.17
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	7.87	152	245696	20.00	ng/ul	0.00
20) Naphthalene-d8	10.67	136	1097913	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	743786	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1581055	20.00	ng/ul	0.00
79) Chrysene-d12	21.39	240	1578857	20.00	ng/ul	0.00
88) Perylene-d12	23.69	264	1269543	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	36128	6.02	ng/uL	0.00
4) Pyridine-d5	3.75	84	511117	30.37	ng/ul	0.00
7) Phenol-d5	7.03	99	825960	38.23	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.20	67	508294	37.28	ng/ul	0.00
11) 2-Chlorophenol-d4	7.40	132	625310	38.64	ng/ul	0.00
15) 4-Methylphenol-d8	8.57	113	667917	38.94	ng/ul	0.00
21) Nitrobenzene-d5	9.03	128	308683	43.07	ng/ul	0.00
24) 2-Nitrophenol-d4	9.75	143	312309	45.76	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.29	165	697624	39.61	ng/ul	0.00
31) 4-Chloroaniline-d4	10.80	131	939999	35.94	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	2267643	39.88	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	2784585	37.99	ng/ul	0.00
54) 4-Nitrophenol-d4	14.68	143	404746	44.05	ng/ul	0.00
60) Fluorene-d10	15.49	176	1963718	39.56	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	349019	45.54	ng/ul	0.00
73) Anthracene-d10	17.33	188	3009758	38.46	ng/ul	0.00
81) Pyrene-d10	19.62	212	3462099	40.91	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.54	264	2944112	40.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	84051	13.016	ng/uL	98
5) Pyridine	3.77	79	492013	28.467	ng/ul	99
6) Benzaldehyde	7.02	77	450669	39.097	ng/ul	99
8) Phenol	7.06	94	741863	33.805	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.30	93	579856	32.919	ng/ul	97
12) 2-Chlorophenol	7.44	128	570654	34.438	ng/ul	99
13) 2-Methylphenol	8.30	108	563032	33.931	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.40	45	951893	32.521	ng/ul	100
16) Acetophenone	8.69	105	941331	33.954	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.69	70	506460	34.631	ng/ul	98
18) 4-Methylphenol	8.63	108	630637	35.295	ng/ul	97
19) Hexachloroethane	8.96	117	225155	31.735	ng/ul	96
22) Nitrobenzene	9.07	77	698405	35.999	ng/ul	99
23) Isophorone	9.60	82	1376752	33.655	ng/ul	99
25) 2-Nitrophenol	9.78	139	312487	40.549	ng/ul	98
26) 2,4-Dimethylphenol	9.83	107	604792	29.497	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.07	93	837760	33.413	ng/ul	100
29) 2,4-Dichlorophenol	10.31	162	603839	35.528	ng/ul	100
30) Naphthalene	10.72	128	1950884	32.387	ng/ul	100
32) 4-Chloroaniline	10.82	127	826392	30.520	ng/ul	100
33) Hexachlorobutadiene	11.00	225	366543	31.652	ng/ul	99
34) Caprolactam	11.60	113	205162m	39.524	ng/ul	

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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	11.94	107	660041	37.047	ng/ul	100
36) 2-Methylnaphthalene	12.32	142	1482434	32.913	ng/ul	98
37) 1-Methylnaphthalene	12.54	142	1451387	33.146	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	777057	32.199	ng/ul	98
40) Hexachlorocyclopentadiene	12.67	237	379904	22.465	ng/ul	99
41) 2,4,6-Trichlorophenol	12.93	196	509256	37.597	ng/ul	95
42) 2,4,5-Trichlorophenol	13.00	196	559332	38.169	ng/ul	99
43) 1,1'-Biphenyl	13.33	154	1972400	33.251	ng/ul	99
44) 2-Chloronaphthalene	13.37	162	1513509	33.191	ng/ul	99
45) 2-Nitroaniline	13.57	65	444599	42.446	ng/ul	94
47) Dimethylphthalate	13.95	163	2008787	35.763	ng/ul	100
48) 2,6-Dinitrotoluene	14.07	165	398435	44.509	ng/ul	95
50) Acenaphthylene	14.22	152	2325089	32.848	ng/ul	99
51) 3-Nitroaniline	14.40	138	413365	39.620	ng/ul#	96
52) Acenaphthene	14.56	153	1709390	34.188	ng/ul	99
53) 2,4-Dinitrophenol	14.60	184	204620	36.408	ng/ul	95
55) 4-Nitrophenol	14.70	109	286207	28.368	ng/ul	99
56) Dibenzofuran	14.89	168	2396481	34.628	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	579365	44.626	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	492039	39.763	ng/ul	98
59) Diethylphthalate	15.32	149	2086508	36.672	ng/ul	99
61) Fluorene	15.54	166	2075279	35.345	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.53	204	1017116	35.329	ng/ul	100
63) 4-Nitroaniline	15.56	138	456148	42.519	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.62	198	313810	39.689	ng/ul	99
67) N-Nitrosodiphenylamine	15.74	169	1779272	34.503	ng/ul	98
68) 4-Bromophenyl-phenylether	16.43	248	631613	35.493	ng/ul	98
69) Hexachlorobenzene	16.54	284	709678	34.889	ng/ul	99
70) Atrazine	16.69	200	638712	34.530	ng/ul	99
71) Pentachlorophenol	16.88	266	413303	33.271	ng/ul	100
72) Phenanthrene	17.27	178	3284296	35.446	ng/ul	100
74) Anthracene	17.36	178	3321437	34.946	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.30	216	789123	30.591	ng/uL	98
76) Pentachlorobenzene	14.82	250	786797	32.881	ng/uL	99
77) Carbazole	17.63	167	3020715	35.072	ng/ul	99
78) Di-n-butylphthalate	18.19	149	3664793	38.308	ng/ul	100
80) Fluoranthene	19.28	202	3872736	37.435	ng/ul	99
82) Pyrene	19.64	202	3983660	36.842	ng/ul	98
83) Butylbenzylphthalate	20.53	149	1555161	42.137	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.30	252	1171819	35.055	ng/ul	98
85) Benzo(a)anthracene	21.37	228	3741382	35.966	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.30	149	2417033	40.813	ng/ul	99
87) Chrysene	21.43	228	3560988	35.167	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	3702655	45.359	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	3432824	40.350	ng/ul	99
91) Benzo(k)fluoranthene	23.04	252	3242942	38.654	ng/ul	99
93) Benzo(a)pyrene	23.59	252	2854864	38.017	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.02	276	3283745	34.911	ng/ul	99
95) Dibenzo(a,h)anthracene	26.03	278	2761762	35.120	ng/ul	99
96) Benzo(g,h,i)perylene	26.74	276	2609831	33.959	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