Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM060621\
Data File : BM030301.D
Acq On : 04 Jun 2021 18:07
Operator : CG/JU
Sample : SSTD08011
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 04 18:39:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 04 17:27:19 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080011

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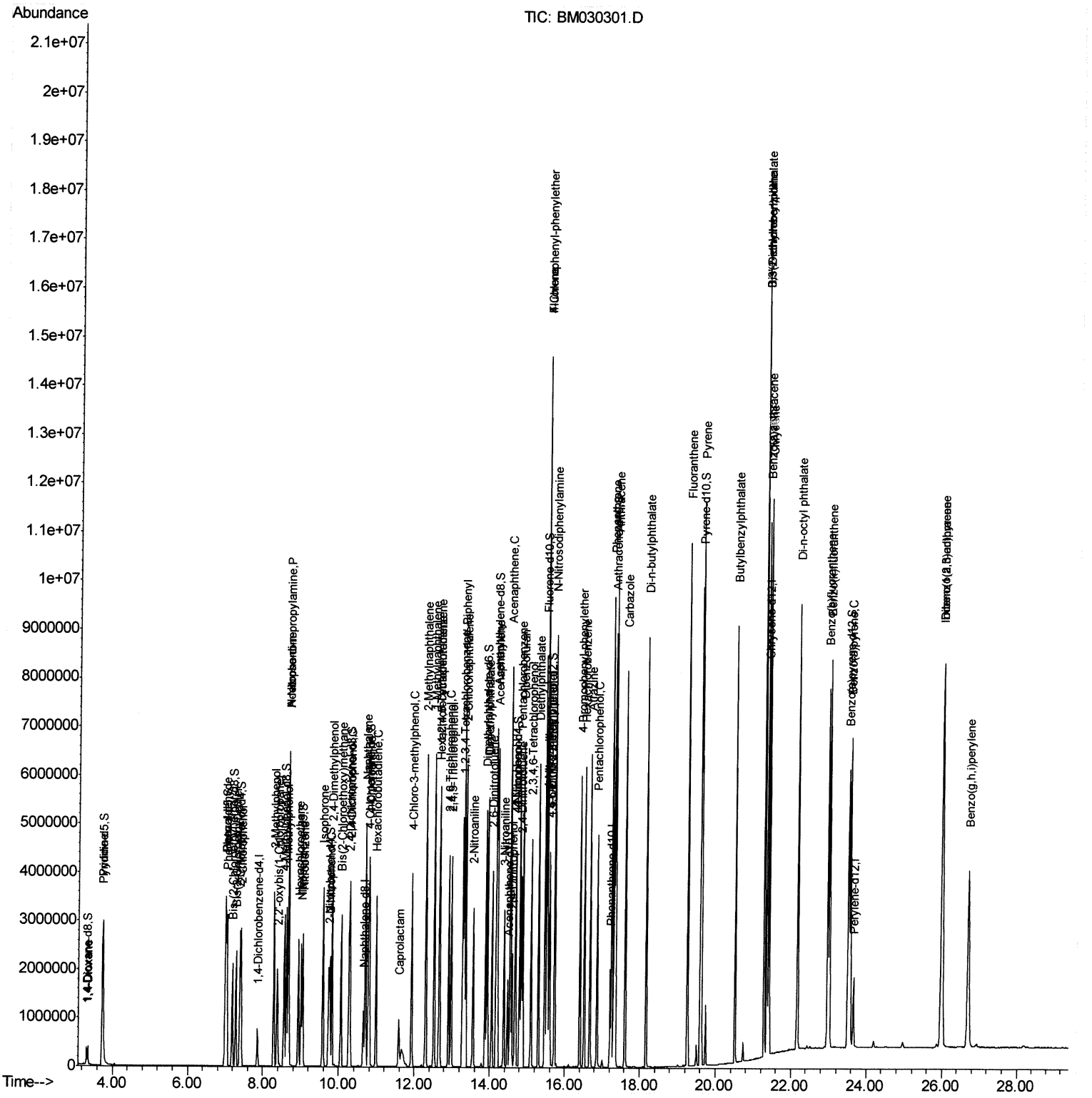

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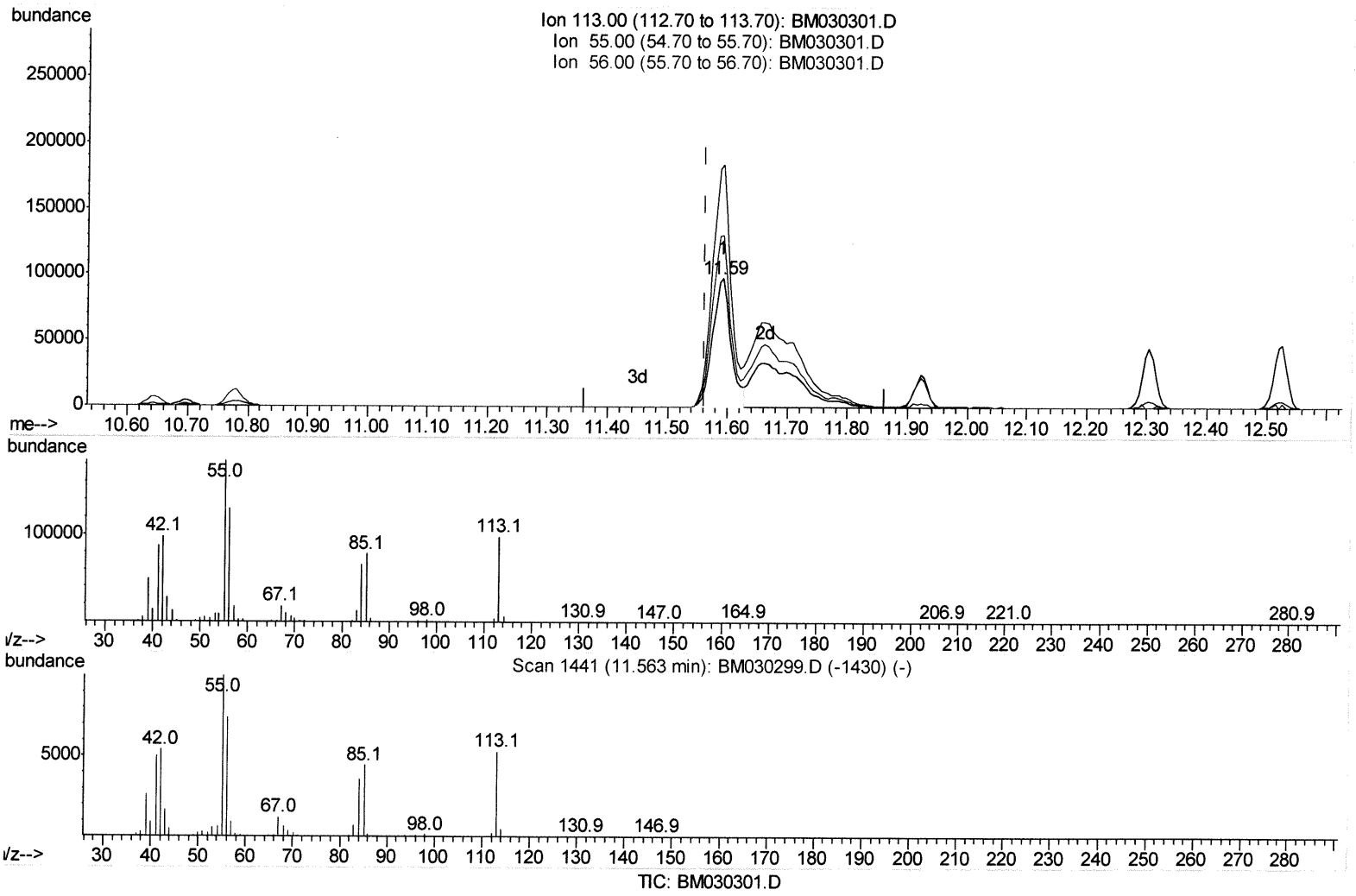

(34) Caprolactam

11.592min (+0.029) 47.78ng/ul

response 210882

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	188.28
56.00	138.60	133.20
0.00	0.00	0.00

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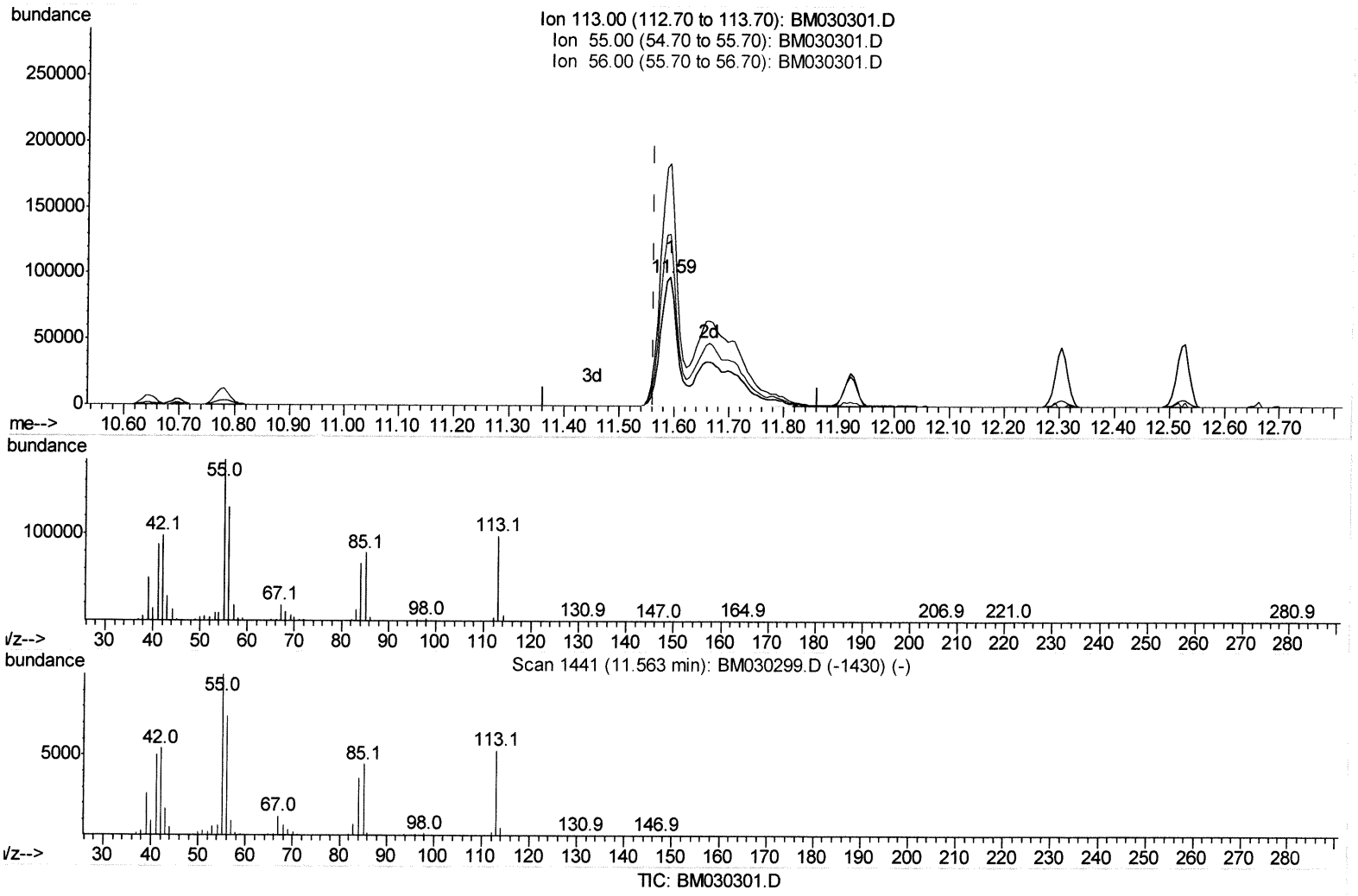

(34) Caprolactam

11.592min (+0.029) 90.85ng/ul m

JU 6/23/21

response 400995

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	188.28
56.00	138.60	133.20
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	7.85	152	207721	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	933565	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.48	164	621086	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.22	188	1246367	20.00	ng/ul	0.00
79) Chrysene-d12	21.37	240	1079745	20.00	ng/ul	0.00
88) Perylene-d12	23.66	264	953837	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	166965	32.90	ng/uL	0.00
4) Pyridine-d5	3.73	84	1246793	87.62	ng/ul	0.00
7) Phenol-d5	7.02	99	1562257	85.54	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.19	67	955617	82.89	ng/ul	0.00
11) 2-Chlorophenol-d4	7.39	132	1195108	87.36	ng/ul	0.00
15) 4-Methylphenol-d8	8.56	113	1248942	86.12	ng/ul	0.01
21) Nitrobenzene-d5	9.01	128	594558	97.57	ng/ul	0.00
24) 2-Nitrophenol-d4	9.73	143	636579	109.68	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	1275671	85.19	ng/ul	0.00
31) 4-Chloroaniline-d4	10.78	131	1781436	80.10	ng/ul	0.00
46) Dimethylphthalate-d6	13.89	166	3707363	78.08	ng/ul	0.00
49) Acenaphthylene-d8	14.17	160	4779934	78.10	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	718400	93.62	ng/ul	0.02
60) Fluorene-d10	15.47	176	3270553	78.91	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.59	200	651776	107.87	ng/ul	0.00
73) Anthracene-d10	17.32	188	4909554	79.59	ng/ul	0.00
81) Pyrene-d10	19.60	212	5028484	86.88	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.51	264	4263000	78.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	173909	31.856	ng/uL	98
5) Pyridine	3.75	79	1284415	87.900	ng/ul	100
6) Benzaldehyde	7.00	77	765953	78.596	ng/ul	95
8) Phenol	7.04	94	1554948	83.809	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.28	93	1211226	81.333	ng/ul	99
12) 2-Chlorophenol	7.42	128	1206155	86.097	ng/ul	99
13) 2-Methylphenol	8.29	108	1168484	83.292	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.38	45	1946931	78.675	ng/ul	99
16) Acetophenone	8.67	105	1927432	82.232	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.67	70	1042823	84.343	ng/ul	98
18) 4-Methylphenol	8.62	108	1288499	85.297	ng/ul	98
19) Hexachloroethane	8.93	117	497129	82.879	ng/ul	98
22) Nitrobenzene	9.06	77	1453130	88.088	ng/ul	98
23) Isophorone	9.59	82	2792522	80.281	ng/ul	99
25) 2-Nitrophenol	9.76	139	682001	104.078	ng/ul	98
26) 2,4-Dimethylphenol	9.82	107	1410955	80.930	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.06	93	1713155	80.354	ng/ul	99
29) 2,4-Dichlorophenol	10.29	162	1211624	83.838	ng/ul	98
30) Naphthalene	10.70	128	3909675	76.332	ng/ul	99
32) 4-Chloroaniline	10.80	127	1773791	77.042	ng/ul	99
33) Hexachlorobutadiene	10.98	225	705957	71.693	ng/ul	96
34) Caprolactam	11.59	113	400995m	90.849	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	1291612	85.259	ng/ul	99
36) 2-Methylnaphthalene	12.30	142	2926110	76.402	ng/ul	99
37) 1-Methylnaphthalene	12.53	142	2954727	79.357	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	1496453	74.258	ng/ul	100
40) Hexachlorocyclopentadiene	12.66	237	933675	66.118	ng/ul	98
41) 2,4,6-Trichlorophenol	12.91	196	990936	87.611	ng/ul	99
42) 2,4,5-Trichlorophenol	12.98	196	1077803	88.080	ng/ul	99
43) 1,1'-Biphenyl	13.32	154	3764550	76.002	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	2908987	76.397	ng/ul	99
45) 2-Nitroaniline	13.56	65	892947	102.091	ng/ul	98
47) Dimethylphthalate	13.94	163	3598478	76.721	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	758036	101.408	ng/ul	96
50) Acenaphthylene	14.20	152	4426974	74.899	ng/ul	99
51) 3-Nitroaniline	14.38	138	788131	90.463	ng/ul	99
52) Acenaphthene	14.54	153	3203744	76.734	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	463485	98.760	ng/ul	99
55) 4-Nitrophenol	14.69	109	546726	64.895	ng/ul	99
56) Dibenzofuran	14.88	168	4375477	75.714	ng/ul	100
57) 2,4-Dinitrotoluene	14.84	165	1057993	97.591	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.10	232	891935	86.319	ng/ul	99
59) Diethylphthalate	15.30	149	3692417	77.719	ng/ul	100
61) Fluorene	15.53	166	3845412	78.431	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.52	204	1856830	77.238	ng/ul	96
63) 4-Nitroaniline	15.54	138	759604	84.794	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.60	198	635412	101.944	ng/ul#	99
67) N-Nitrosodiphenylamine	15.73	169	3200068	78.718	ng/ul	99
68) 4-Bromophenyl-phenylether	16.41	248	1072576	76.458	ng/ul	98
69) Hexachlorobenzene	16.53	284	1195497	74.555	ng/ul	99
70) Atrazine	16.68	200	1128320	77.379	ng/ul	100
71) Pentachlorophenol	16.86	266	742342	75.805	ng/ul	98
72) Phenanthrene	17.26	178	5625382	77.016	ng/ul	97
74) Anthracene	17.35	178	5817033	77.638	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	1477897	72.677	ng/uL	98
76) Pentachlorobenzene	14.80	250	1440128	76.347	ng/uL	100
77) Carbazole	17.62	167	5062725	74.566	ng/ul	98
78) Di-n-butylphthalate	18.17	149	6016597	79.779	ng/ul	99
80) Fluoranthene	19.26	202	6206409	87.724	ng/ul	97
82) Pyrene	19.63	202	6344050	85.792	ng/ul	99
83) Butylbenzylphthalate	20.52	149	2447769	96.980	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.29	252	1794844	78.513	ng/ul	98
85) Benzo(a)anthracene	21.36	228	5553134	78.059	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.29	149	3790494	93.591	ng/ul	97
87) Chrysene	21.41	228	5328509	76.947	ng/ul	97
89) Di-n-octyl phthalate	22.17	149	5795435	94.495	ng/ul	100
90) Benzo(b)fluoranthene	22.97	252	5189181	81.183	ng/ul	100
91) Benzo(k)fluoranthene	23.01	252	5118931	81.210	ng/ul	99
93) Benzo(a)pyrene	23.56	252	4660928	82.612	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.99	276	5716014	80.884	ng/ul	99
95) Dibenzo(a,h)anthracene	26.00	278	4772615	80.779	ng/ul	99
96) Benzo(g,h,i)perylene	26.71	276	4600561	79.677	ng/ul	99

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

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