Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052721\
Data File : BM030208.D
Acq On : 27 May 2021 19:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 27 20:21:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 27 12:44:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

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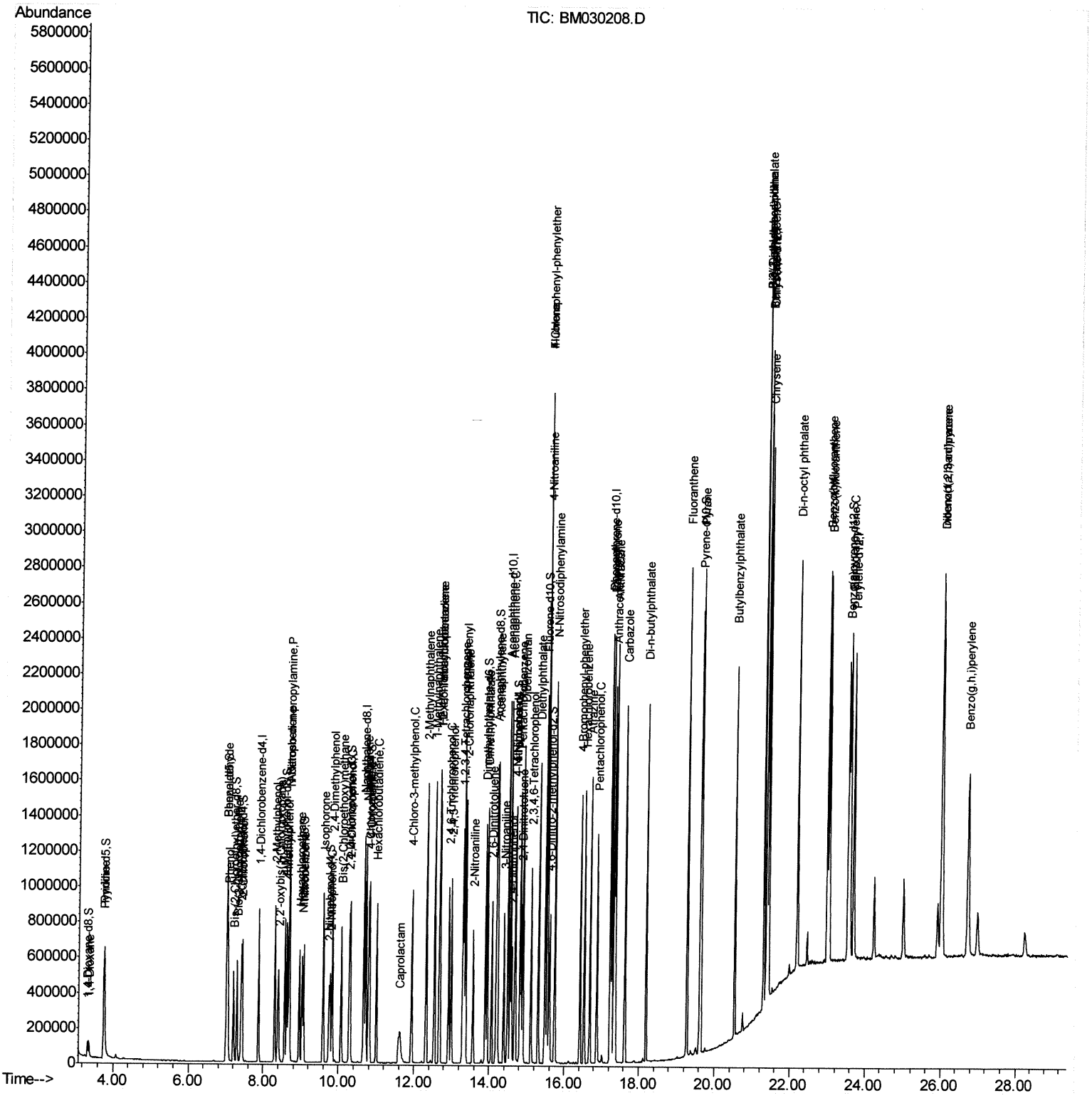

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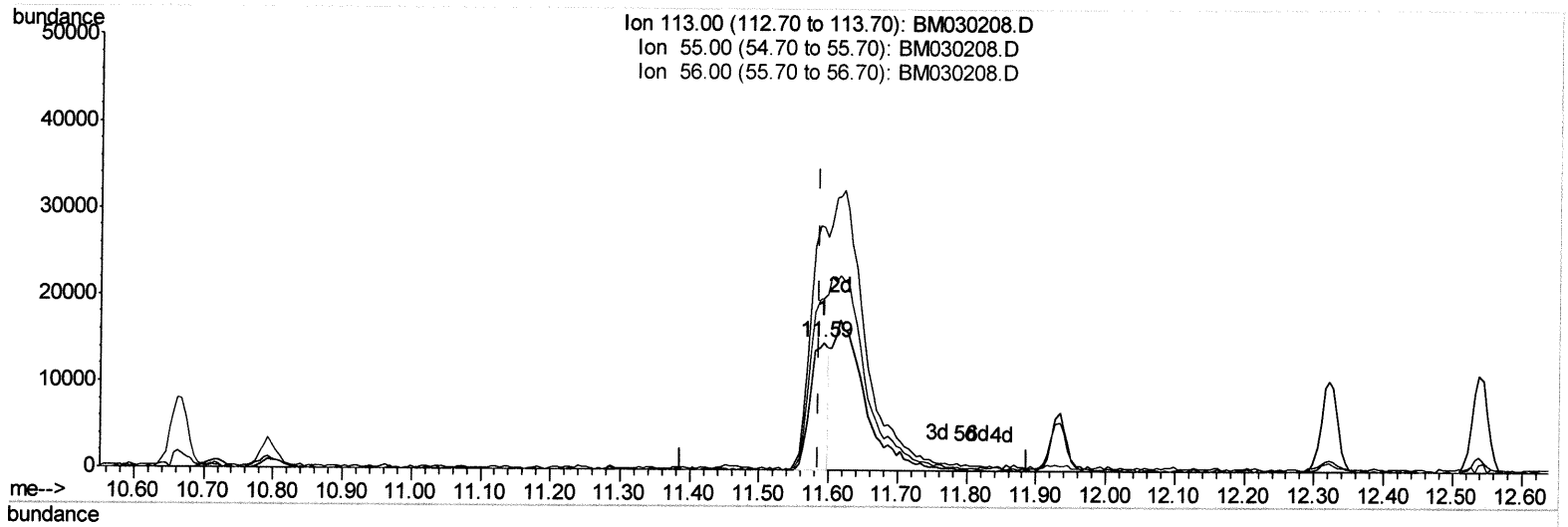

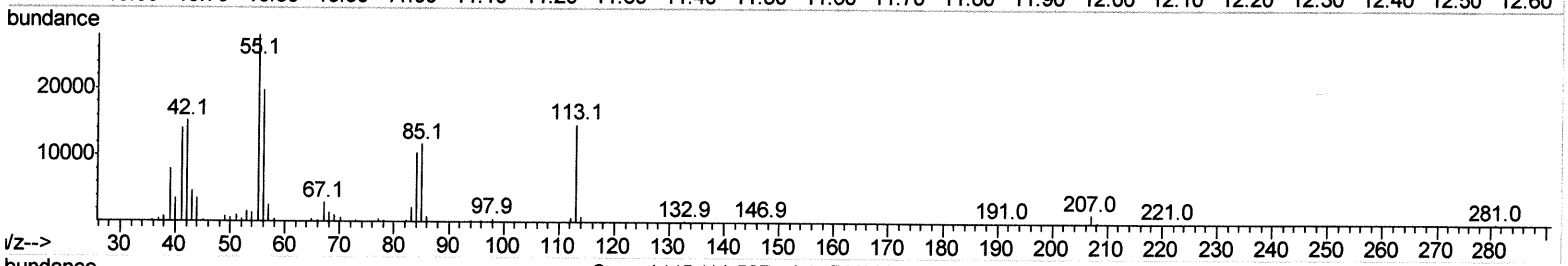

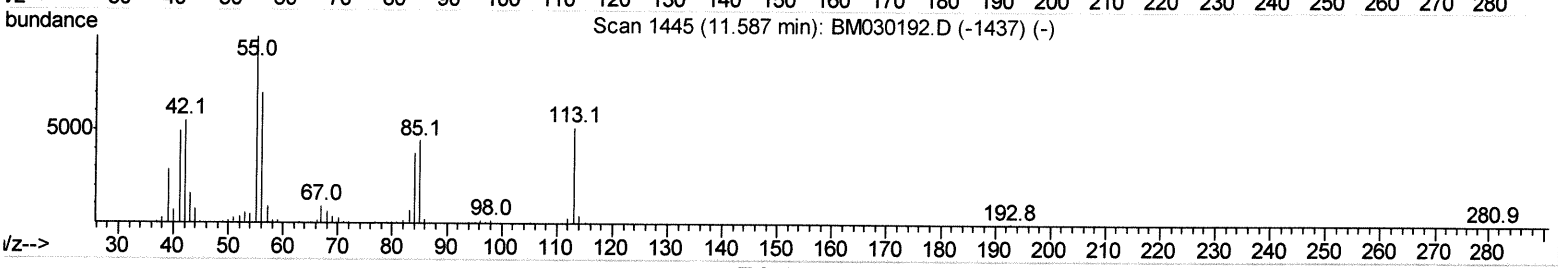

TIC: BM030208.D

(34) Caprolactam

11.592min (+0.006) 5.48ng/ul

response 26578

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	190.27
56.00	134.00	134.39
0.00	0.00	0.00

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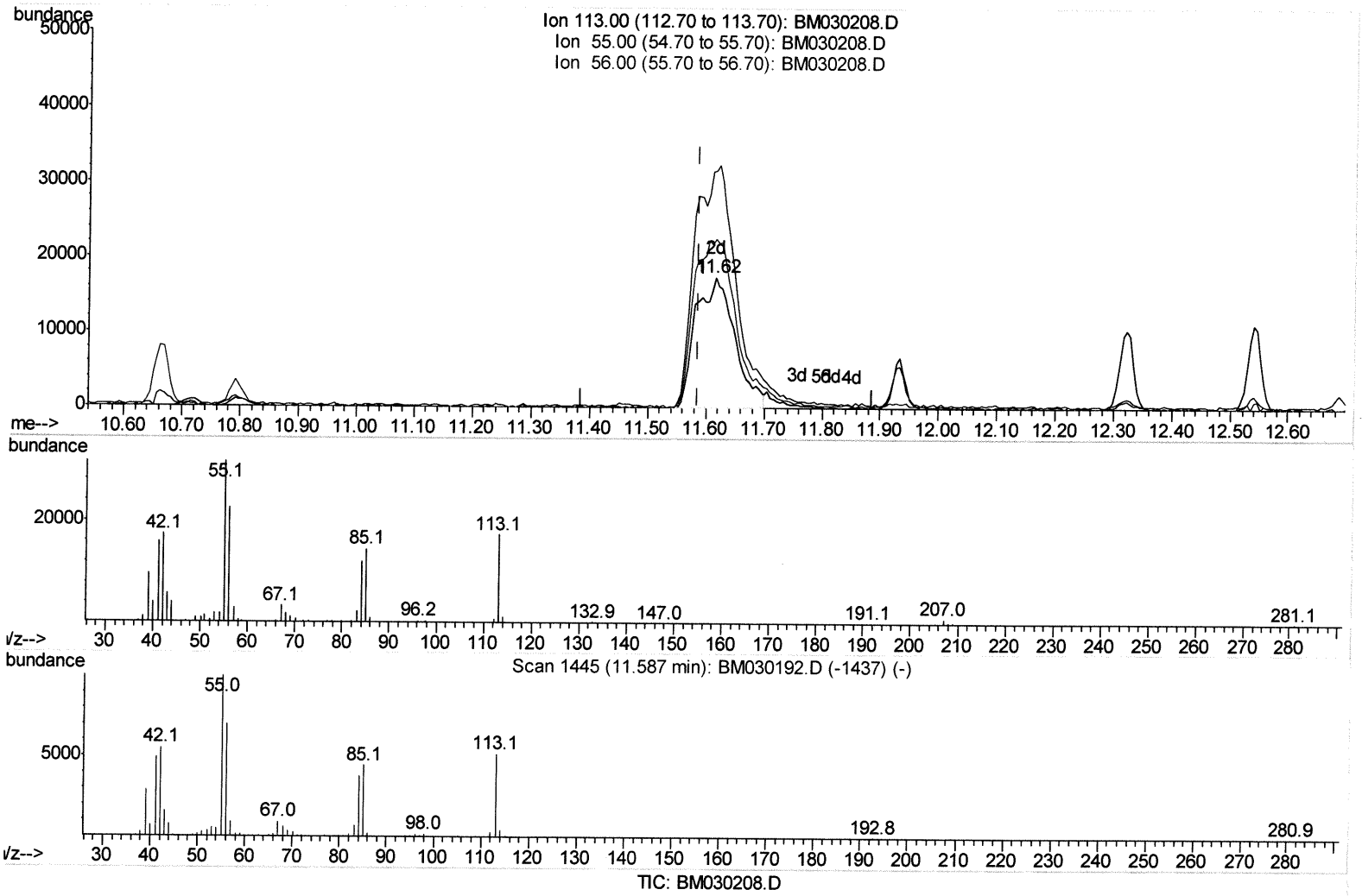

(34) Caprolactam

11.616min (+0.029) 16.64ng/ul m

response 80752 JY 5/28/21

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	181.74
56.00	134.00	129.51
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	231828	20.00	ng/ul	0.00
20) Naphthalene-d8	10.66	136	1026449	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	694953	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1387412	20.00	ng/ul	0.00
79) Chrysene-d12	21.39	240	1276422	20.00	ng/ul	0.00
88) Perylene-d12	23.67	264	1197327	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	43555	7.69	ng/uL	0.00
4) Pyridine-d5	3.75	84	273483	17.22	ng/ul	0.00
7) Phenol-d5	7.03	99	364555	17.89	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.20	67	236109	18.35	ng/ul	0.00
11) 2-Chlorophenol-d4	7.40	132	283786	18.59	ng/ul	0.00
15) 4-Methylphenol-d8	8.57	113	292577	18.08	ng/ul	0.00
21) Nitrobenzene-d5	9.03	128	131844	19.68	ng/ul	0.00
24) 2-Nitrophenol-d4	9.75	143	130589	20.46	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.28	165	303243	18.42	ng/ul	0.00
31) 4-Chloroaniline-d4	10.79	131	424602	17.36	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	908092	17.09	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	1171965	17.11	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	153582	17.89	ng/ul	0.00
60) Fluorene-d10	15.48	176	795321	17.15	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.59	200	118966	17.69	ng/ul	0.00
73) Anthracene-d10	17.33	188	1195302	17.41	ng/ul	0.00
81) Pyrene-d10	19.61	212	1244966	18.20	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.53	264	1165053	17.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	45247	7.426	ng/uL	97
5) Pyridine	3.77	79	281604	17.268	ng/ul	98
6) Benzaldehyde	7.02	77	239437	22.014	ng/ul	97
8) Phenol	7.05	94	370957	17.915	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.29	93	303507	18.261	ng/ul	99
12) 2-Chlorophenol	7.43	128	290689	18.592	ng/ul	99
13) 2-Methylphenol	8.30	108	279057	17.823	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.40	45	499535	18.087	ng/ul	99
16) Acetophenone	8.69	105	475988	18.196	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.67	70	256978	18.623	ng/ul	99
18) 4-Methylphenol	8.63	108	309562	18.362	ng/ul	97
19) Hexachloroethane	8.96	117	118882	17.759	ng/ul	96
22) Nitrobenzene	9.07	77	344586	18.998	ng/ul	99
23) Isophorone	9.59	82	669454	17.504	ng/ul	99
25) 2-Nitrophenol	9.78	139	149134	20.699	ng/ul	97
26) 2,4-Dimethylphenol	9.83	107	344574	17.976	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.07	93	424868	18.125	ng/ul	100
29) 2,4-Dichlorophenol	10.30	162	294687	18.546	ng/ul	99
30) Naphthalene	10.72	128	991147	17.600	ng/ul	99
32) 4-Chloroaniline	10.82	127	438574	17.325	ng/ul	99
33) Hexachlorobutadiene	11.00	225	188270	17.389	ng/ul	97
34) Caprolactam	11.62	113	80752m	16.640	ng/ul	

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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 27 12:44:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.93	107	304699	18.293 ng/ul	98
36) 2-Methylnaphthalene	12.32	142	738399	17.535 ng/ul	99
37) 1-Methylnaphthalene	12.54	142	728194	17.788 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	389888	17.291 ng/ul	99
40) Hexachlorocyclopentadiene	12.67	237	289402	18.316 ng/ul	98
41) 2,4,6-Trichlorophenol	12.93	196	234206	18.506 ng/ul	94
42) 2,4,5-Trichlorophenol	12.99	196	257912	18.837 ng/ul	97
43) 1,1'-Biphenyl	13.33	154	956112	17.251 ng/ul	99
44) 2-Chloronaphthalene	13.37	162	736522	17.287 ng/ul	99
45) 2-Nitroaniline	13.57	65	193864	19.809 ng/ul	97
47) Dimethylphthalate	13.94	163	910809	17.355 ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	164758	19.698 ng/ul	99
50) Acenaphthylene	14.22	152	1141256	17.256 ng/ul	99
51) 3-Nitroaniline	14.39	138	181864	18.656 ng/ul#	95
52) Acenaphthene	14.56	153	803290	17.195 ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	128485	24.468 ng/ul	94
55) 4-Nitrophenol	14.69	109	204284	21.671 ng/ul	98
56) Dibenzofuran	14.89	168	1112636	17.207 ng/ul	100
57) 2,4-Dinitrotoluene	14.85	165	235109	19.382 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	215861	18.670 ng/ul	98
59) Diethylphthalate	15.31	149	910689	17.131 ng/ul	100
61) Fluorene	15.54	166	934557	17.035 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.53	204	461676	17.163 ng/ul	99
63) 4-Nitroaniline	15.55	138	189753	18.930 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.61	198	120539	17.373 ng/ul	98
67) N-Nitrosodiphenylamine	15.74	169	806766	17.828 ng/ul	99
68) 4-Bromophenyl-phenylether	16.42	248	273951	17.543 ng/ul	99
69) Hexachlorobenzene	16.54	284	310480	17.394 ng/ul	99
70) Atrazine	16.69	200	265349	16.348 ng/ul	100
71) Pentachlorophenol	16.87	266	219221	20.110 ng/ul	99
72) Phenanthrene	17.27	178	1411135	17.356 ng/ul	99
74) Anthracene	17.36	178	1454596	17.440 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.30	216	407174	17.988 ng/uL	99
76) Pentachlorobenzene	14.81	250	370584	17.649 ng/uL	100
77) Carbazole	17.63	167	1267233	16.767 ng/ul	100
78) Di-n-butylphthalate	18.19	149	1438879	17.140 ng/ul	99
80) Fluoranthene	19.27	202	1554826	18.590 ng/ul	99
82) Pyrene	19.64	202	1604343	18.353 ng/ul	99
83) Butylbenzylphthalate	20.53	149	547135	18.337 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.30	252	480591	17.783 ng/ul	100
85) Benzo(a)anthracene	21.37	228	1486147	17.672 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.30	149	858078	17.922 ng/ul	99
87) Chrysene	21.42	228	1430621	17.476 ng/ul	100
89) Di-n-octyl phthalate	22.19	149	1398896	18.171 ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	1406263	17.526 ng/ul	99
91) Benzo(k)fluoranthene	23.03	252	1410536	17.827 ng/ul	100
93) Benzo(a)pyrene	23.57	252	1247120	17.609 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.01	276	1567962	17.675 ng/ul	99
95) Dibenzo(a,h)anthracene	26.02	278	1315832	17.742 ng/ul	99
96) Benzo(g,h,i)perylene	26.72	276	1260082	17.385 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