Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
Data File : BG028031.D
Acq On : 27 Jul 2017 17:50
Operator : SJ/JU
Sample : SSTD02073
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 27 19:07:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 27 19:05:09 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02073

Manual Integrations APPROVED
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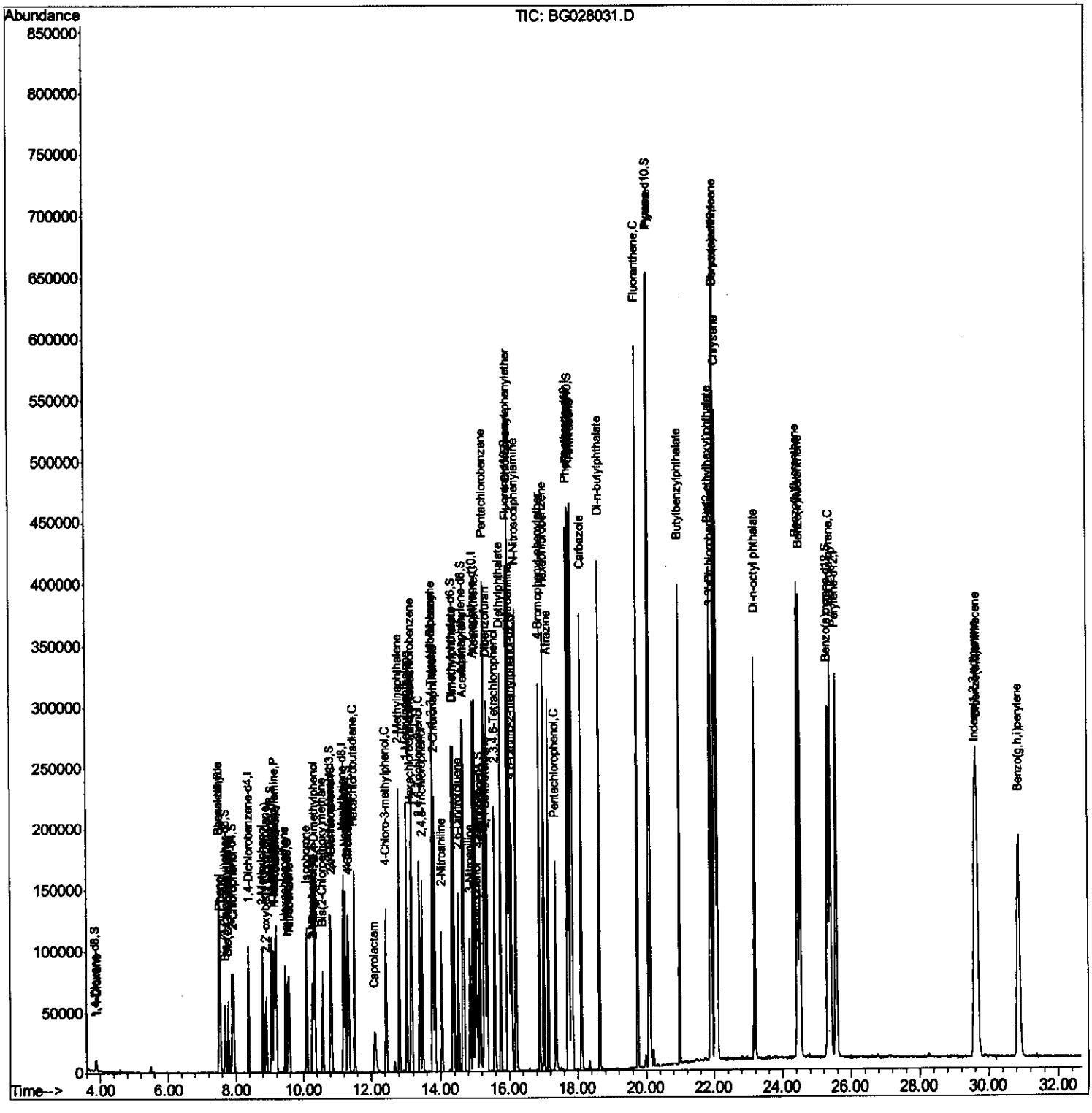

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Quant Time: Jul 27 19:06:33 2017
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Quant Title : SVOA CALIBRATION
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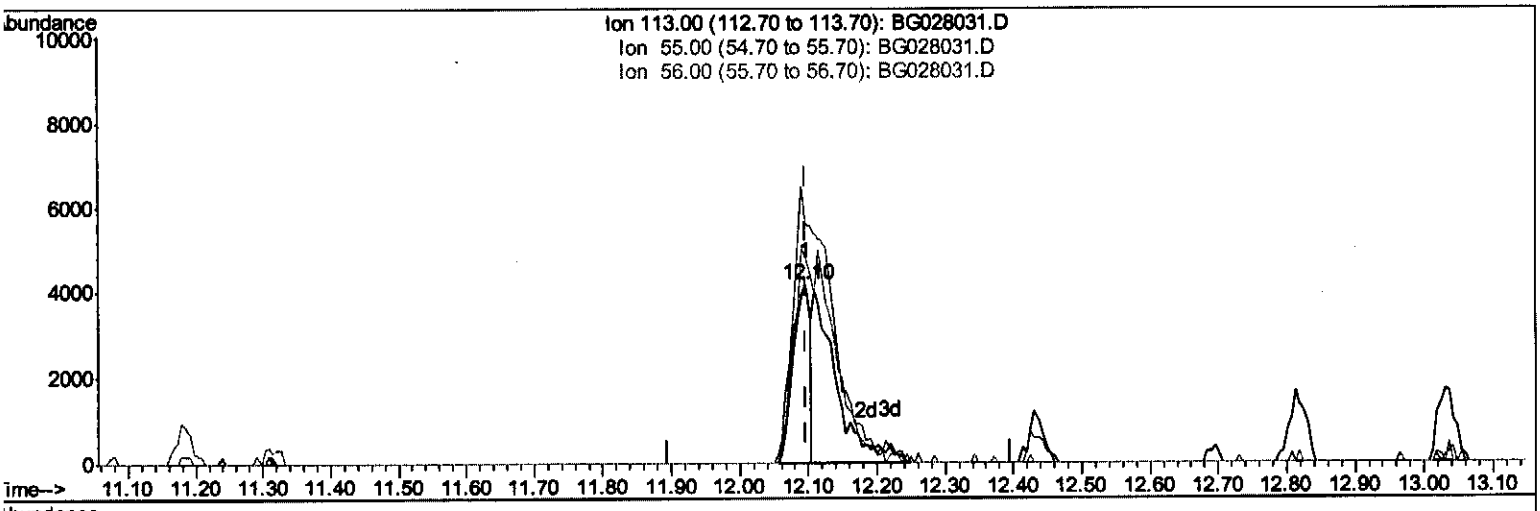

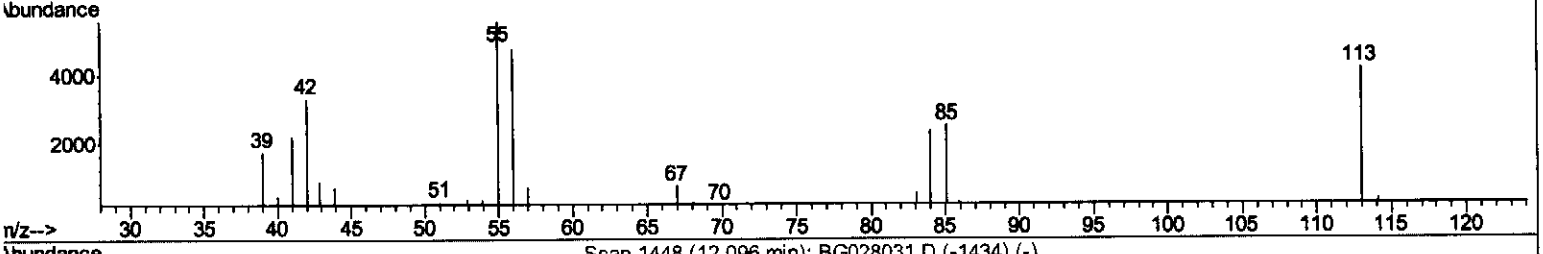

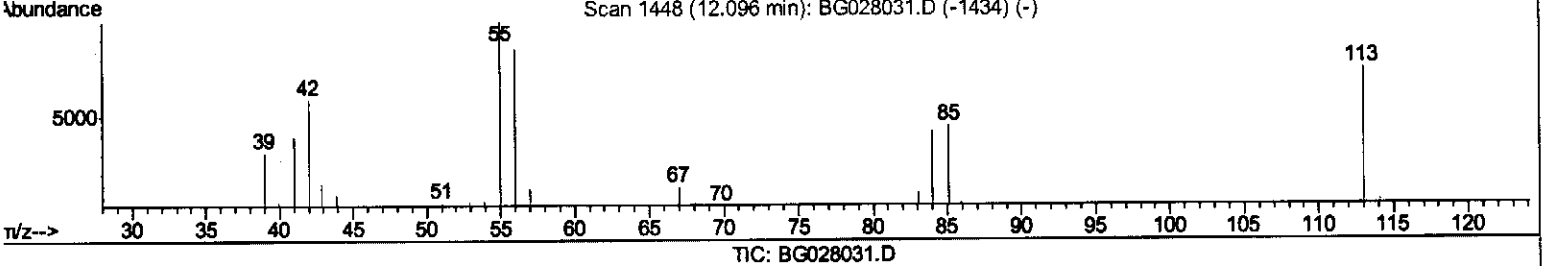

TIC: BG028031.D

(32) Caprolactam

12.096min (0.000) 7.32ng/ul

response 7056

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	134.44
56.00	115.90	115.21
0.00	0.00	0.00

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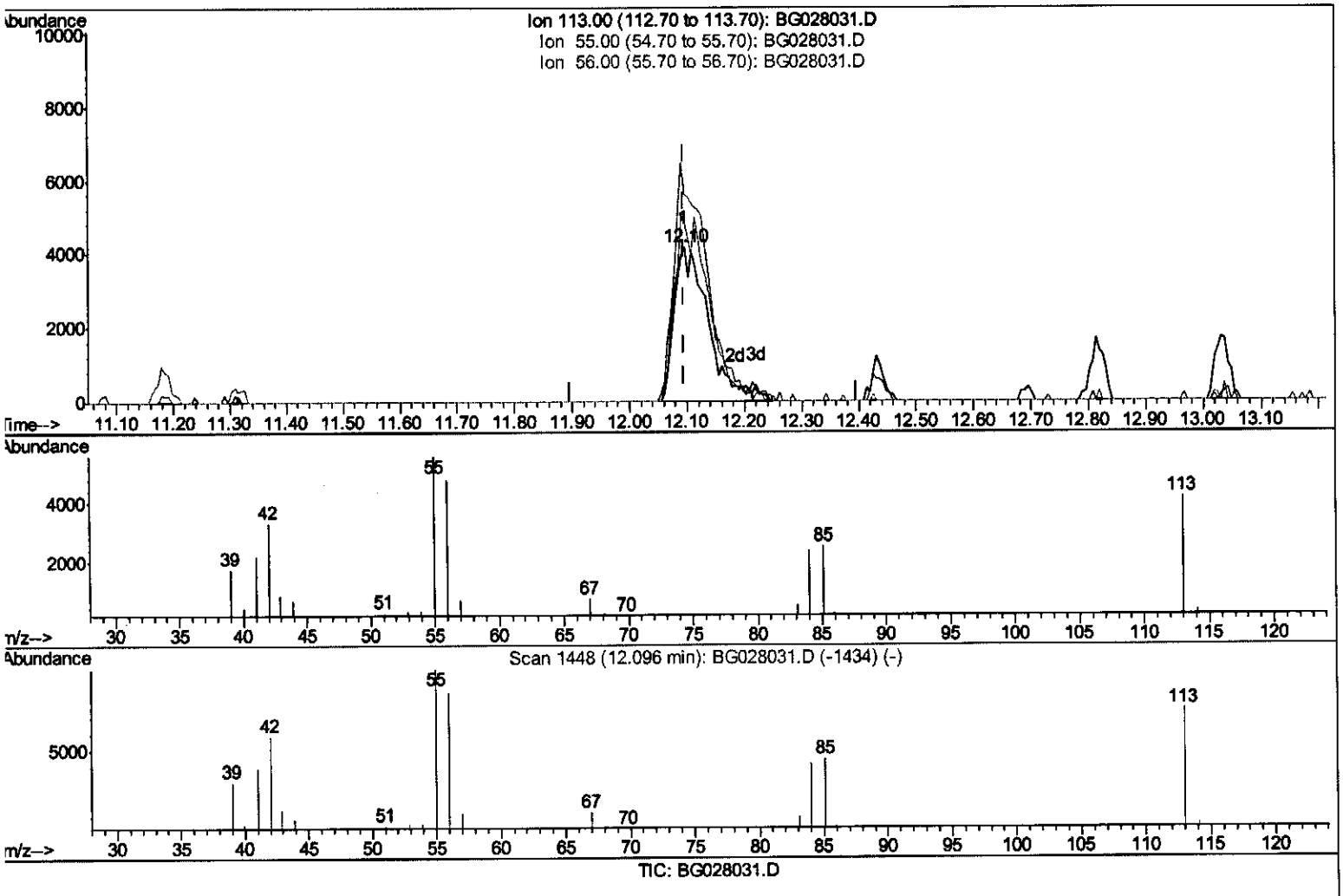

TIC: BG028031.D

(32) Caprolactam

12.096min (0.000) 17.33ng/ul m

response 16696

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	134.44
56.00	115.90	115.21
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	33525	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	152499	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	113252	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	327744	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	424568	20.00	ng/ul	0.00
86) Perylene-d12	25.57	264	419899	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	4370	6.37	ng/uL	0.00
5) Phenol-d5	7.51	99	48276	16.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	25566	14.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	43529	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	44866	18.51	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	20904	17.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	26997	19.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	53780	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	62281	23.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	208764	21.12	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	226489	20.41	ng/ul	0.00
52) 4-Nitrophenol-d4	15.15	143	30569	23.03	ng/ul	0.00
58) Fluorene-d10	15.96	176	196633	22.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	43134	24.20	ng/ul	0.00
71) Anthracene-d10	17.82	188	311788	19.41	ng/ul	0.00
79) Pyrene-d10	20.09	212	384784	19.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	388203	17.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	4690	5.656	ng/uL	97
4) Benzaldehyde	7.51	77	28380	14.436	ng/ul	93
6) Phenol	7.54	94	47845	15.486	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.77	93	35630	15.672	ng/ul	97
10) 2-Chlorophenol	7.93	128	39755	16.826	ng/ul	96
11) 2-Methylphenol	8.79	108	37401	15.722	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.88	45	46873	15.915	ng/ul#	95
14) Acetophenone	9.19	105	64189	16.055	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.16	70	32004	15.783	ng/ul#	88
16) 4-Methylphenol	9.12	108	41517	15.740	ng/ul	98
17) Hexachloroethane	9.45	117	15603	15.539	ng/ul#	77
20) Nitrobenzene	9.58	77	46022	14.711	ng/ul	92
21) Isophorone	10.09	82	90071	14.724	ng/ul	95
23) 2-Nitrophenol	10.29	139	26196	16.889	ng/ul	93
24) 2,4-Dimethylphenol	10.33	107	53415	16.391	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.56	93	51339	14.987	ng/ul#	98
27) 2,4-Dichlorophenol	10.83	162	51936	18.390	ng/ul	91
28) Naphthalene	11.24	128	137268	15.928	ng/ul	99
30) 4-Chloroaniline	11.34	127	58295	20.598	ng/ul	92
31) Hexachlorobutadiene	11.51	225	45623	19.013	ng/ul	93
32) Caprolactam	12.10	113	16696m	17.327	ng/ul	
33) 4-Chloro-3-methylphenol	12.43	107	49873	16.356	ng/ul	87
34) 2-Methylnaphthalene	12.81	142	118668	18.458	ng/ul	98

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.03	142	116696	19.237	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	86854	18.755	ng/ul	95
38) Hexachlorocyclopentadiene	13.15	237	48700	48.930	ng/ul#	90
39) 2,4,6-Trichlorophenol	13.41	196	52546	20.798	ng/ul	97
40) 2,4,5-Trichlorophenol	13.48	196	56327	20.313	ng/ul	98
41) 1,1'-Biphenyl	13.81	154	169910	18.752	ng/ul#	97
42) 2-Chloronaphthalene	13.85	162	135958	18.420	ng/ul	95
43) 2-Nitroaniline	14.05	65	32494	15.305	ng/ul	96
45) Dimethylphthalate	14.41	163	194632	18.328	ng/ul	98
46) 2,6-Dinitrotoluene	14.54	165	37947	18.247	ng/ul#	83
48) Acenaphthylene	14.70	152	215457	18.393	ng/ul	99
49) 3-Nitroaniline	14.88	138	33663	18.266	ng/ul	85
50) Acenaphthene	15.03	153	145833	18.038	ng/ul	98
51) 2,4-Dinitrophenol	15.08	184	21751	40.295	ng/ul	93
53) 4-Nitrophenol	15.17	109	25726	20.999	ng/ul	95
54) Dibenzofuran	15.37	168	223138	18.339	ng/ul	93
55) 2,4-Dinitrotoluene	15.32	165	59584	19.048	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.59	232	59841	24.229	ng/ul#	94
57) Diethylphthalate	15.76	149	196694	18.248	ng/ul	96
59) Fluorene	16.02	166	191853	19.331	ng/ul	98
60) 4-Chlorophenyl-phenylether	16.00	204	113704	19.728	ng/ul	97
61) 4-Nitroaniline	16.03	138	37184	17.427	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	16.09	198	40584	21.170	ng/ul#	90
65) N-Nitrosodiphenylamine	16.21	169	164232	17.299	ng/ul	97
66) 4-Bromophenyl-phenylether	16.90	248	81905	19.763	ng/ul	92
67) Hexachlorobenzene	17.03	284	95517	20.794	ng/ul	94
68) Atrazine	17.15	200	78979	18.754	ng/ul	98
69) Pentachlorophenol	17.37	266	44897	35.790	ng/ul	97
70) Phenanthrene	17.77	178	325976	16.717	ng/ul	99
72) Anthracene	17.85	178	338604	17.201	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	90322	19.157	ng/uL	94
74) Pentachlorobenzene	15.29	250	134685	27.430	ng/uL	97
75) Carbazole	18.12	167	281845	17.472	ng/ul	98
76) Di-n-butylphthalate	18.65	149	312593	15.841	ng/ul	100
77) Fluoranthene	19.76	202	435376	18.367	ng/ul#	93
80) Pyrene	20.12	202	456400	16.953	ng/ul#	94
81) Butylbenzylphthalate	20.99	149	130086	14.379	ng/ul	86
82) 3,3'-Dichlorobenzidine	21.94	252	161404	19.266	ng/ul#	95
83) Benzo(a)anthracene	22.03	228	457912	17.288	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.90	149	186362	13.967	ng/ul#	95
85) Chrysene	22.11	228	416166	16.618	ng/ul	99
87) Di-n-octyl phthalate	23.21	149	318777	13.404	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	469295	17.349	ng/ul	99
89) Benzo(k)fluoranthene	24.52	252	466907	17.480	ng/ul#	96
91) Benzo(a)pyrene	25.40	252	454546	17.463	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.60	276	549151	17.880	ng/ul#	95
93) Dibenzo(a,h)anthracene	29.67	278	470260	18.591	ng/ul#	96
94) Benzo(g,h,i)perylene	30.87	276	453340	17.892	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