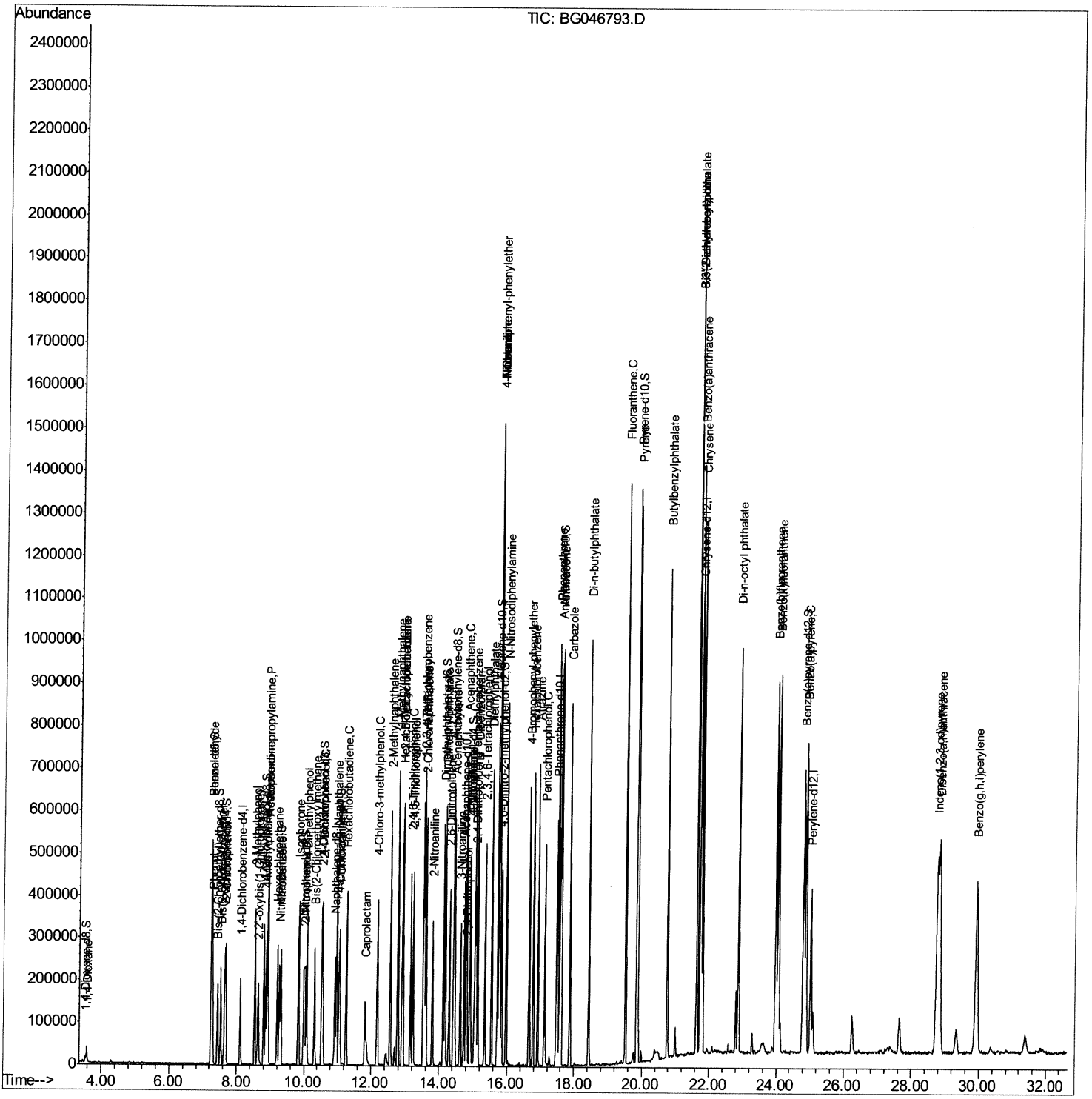
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG100620\
Data File : BG046793.D
Acq On : 6 Oct 2020 17:03
Operator : CG/JU
Sample : PB131930BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 06 17:40:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM01-EPA-BG092820.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 06 14:18:17 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS930

Manual Integrations APPROVED
mohammad
10/7/2020 10:40:18 AM



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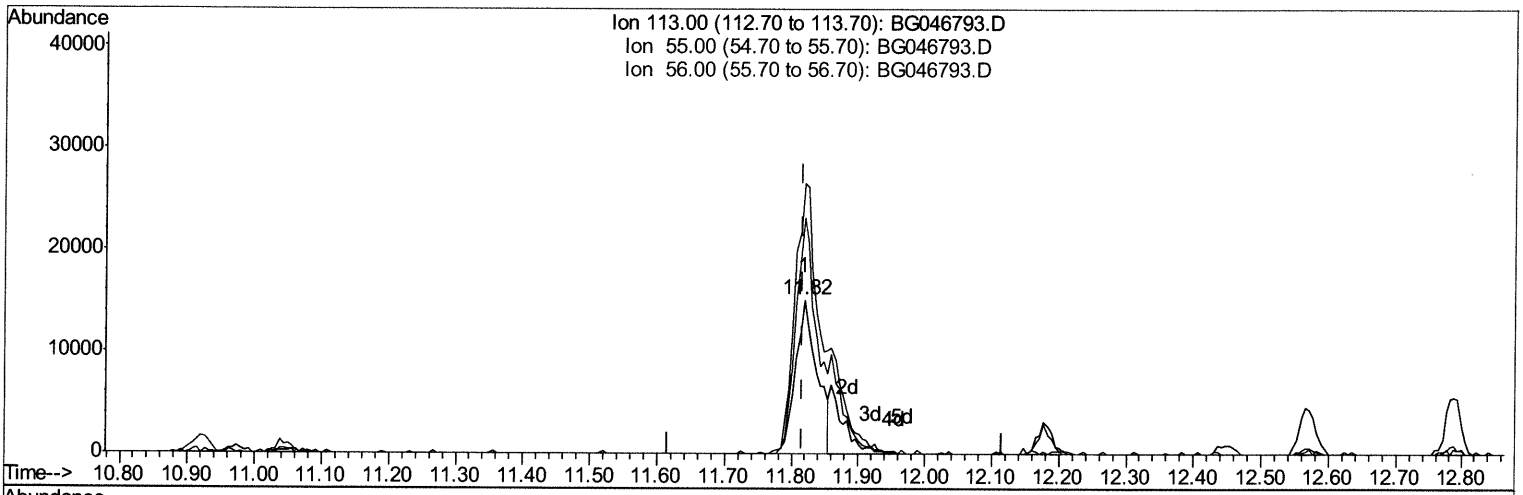

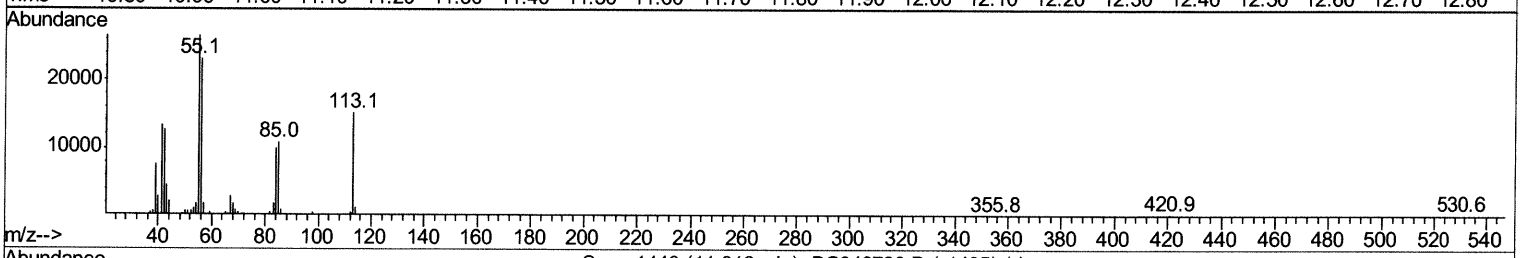

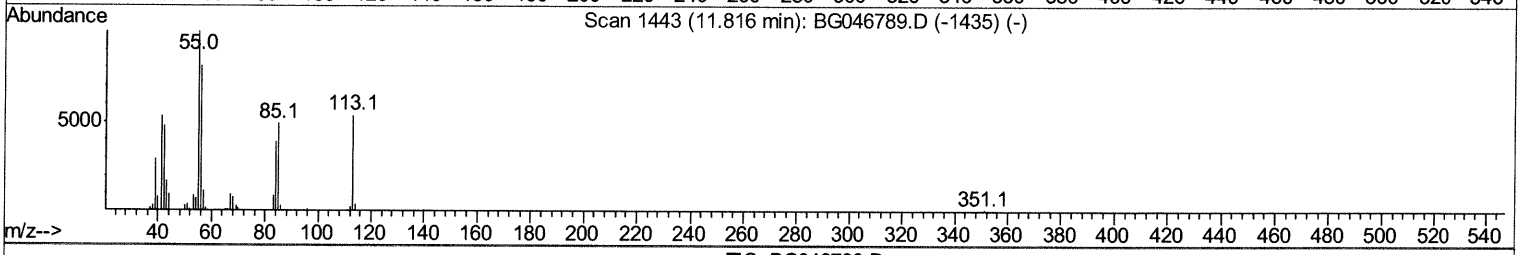

TIC: BG046793.D

(32) Caprolactam

11.819min (+0.003) 27.18ng/ul

response 34039

Ion	Exp%	Act%
113.00	100	100
55.00	182.10	175.38
56.00	144.10	152.73
0.00	0.00	0.00

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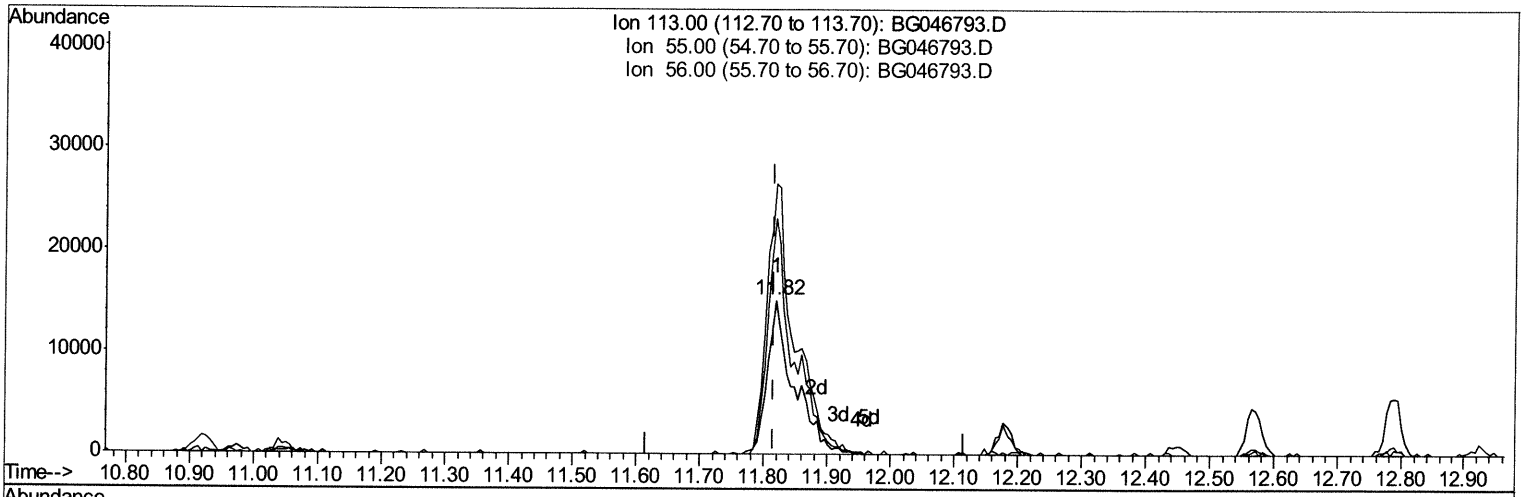

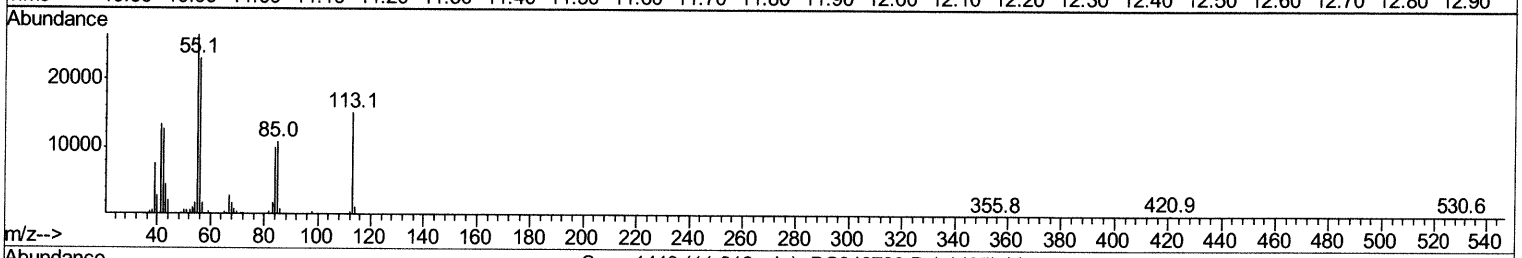

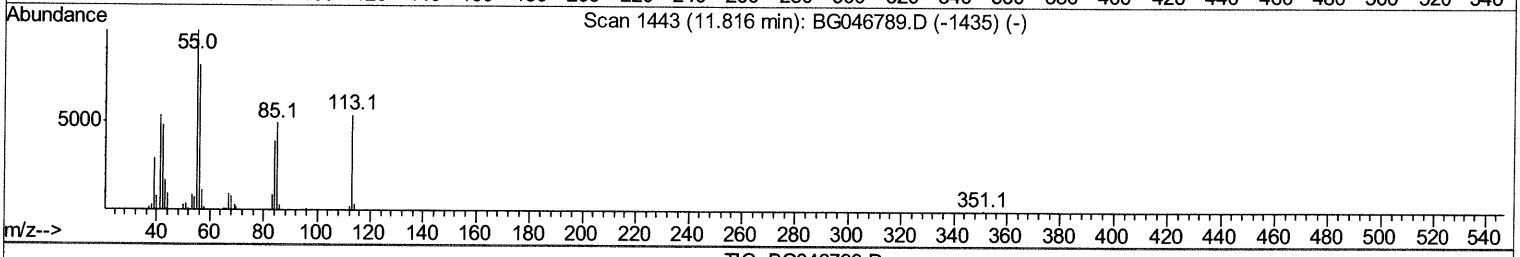

TIC: BG046793.D

(32) Caprolactam

11.819min (+0.003) 35.02ng/ul m 10/08/20 JU

response 43867

Ion	Exp%	Act%
113.00	100	100
55.00	182.10	175.38
56.00	144.10	152.73
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	8.11	152	55098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	211284	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	147547	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	355864	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	406293	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	440125	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	8013	6.82	ng/uL	0.00
5) Phenol-d5	7.25	99	152668	32.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	88938	30.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	118948	35.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	118480	32.55	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	55928	41.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	64970	45.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	128935	36.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	127013	28.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	378958	33.96	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	464170	34.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	71451	40.18	ng/ul	0.00
58) Fluorene-d10	15.72	176	347915	33.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	72548	45.10	ng/ul	0.00
71) Anthracene-d10	17.58	188	552772	33.88	ng/ul	0.00
79) Pyrene-d10	19.86	212	736240	34.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	801265	33.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	19610	14.580	ng/uL	94
4) Benzaldehyde	7.24	77	112666	34.258	ng/ul	93
6) Phenol	7.28	94	158465	32.383	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.52	93	120630	31.705	ng/ul	97
10) 2-Chlorophenol	7.67	128	112942	32.735	ng/ul	98
11) 2-Methylphenol	8.54	108	114146	31.280	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.63	45	177830	29.498	ng/ul	97
14) Acetophenone	8.93	105	186332	31.245	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.92	70	96085	29.168	ng/ul	97
16) 4-Methylphenol	8.87	108	118799	31.081	ng/ul	96
17) Hexachloroethane	9.20	117	51599	33.087	ng/ul	94
20) Nitrobenzene	9.31	77	154973	39.141	ng/ul	97
21) Isophorone	9.84	82	273947	30.990	ng/ul	97
23) 2-Nitrophenol	10.03	139	67472	42.607	ng/ul	98
24) 2,4-Dimethylphenol	10.08	107	127972	29.972	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.32	93	159142	31.258	ng/ul	99
27) 2,4-Dichlorophenol	10.56	162	123287	35.079	ng/ul	95
28) Naphthalene	10.97	128	373257	32.085	ng/ul	97
30) 4-Chloroaniline	11.07	127	134676	31.658	ng/ul	91
31) Hexachlorobutadiene	11.26	225	102228	32.558	ng/ul	99
32) Caprolactam	11.82	113	43867m >	35.021	ng/ul >	10/06/20 JU
33) 4-Chloro-3-methylphenol	12.18	107	129613	33.089	ng/ul	95
34) 2-Methylnaphthalene	12.57	142	269993	31.524	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	309937	37.313	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	177600	32.735	ng/ul	99
38) Hexachlorocyclopentadiene	12.92	237	92269	26.633	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.16	196	112212	36.567	ng/ul#	91
40) 2,4,5-Trichlorophenol	13.23	196	119952	37.233	ng/ul	94
41) 1,1'-Biphenyl	13.57	154	361177	31.572	ng/ul	96
42) 2-Chloronaphthalene	13.61	162	290226	31.952	ng/ul	99
43) 2-Nitroaniline	13.80	65	95359	45.647	ng/ul	98
45) Dimethylphthalate	14.18	163	375741	32.612	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	81895	44.797	ng/ul	99
48) Acenaphthylene	14.46	152	422744	31.649	ng/ul	99
49) 3-Nitroaniline	14.62	138	75708	41.485	ng/ul#	85
50) Acenaphthene	14.80	153	302824	32.031	ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	46783	43.733	ng/ul#	88
53) 4-Nitrophenol	14.92	109	72058	41.077	ng/ul	96
54) Dibenzofuran	15.13	168	449493	32.402	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	117345	47.097	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.35	232	118822	39.228	ng/ul	98
57) Diethylphthalate	15.54	149	381623	33.497	ng/ul	99
59) Fluorene	15.78	166	365016	31.960	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.77	204	210438	32.620	ng/ul	98
61) 4-Nitroaniline	15.78	138	82628	39.550	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.84	198	75395	42.665	ng/ul#	95
65) N-Nitrosodiphenylamine	15.98	169	329649	32.235	ng/ul	98
66) 4-Bromophenyl-phenylether	16.67	248	146821	32.937	ng/ul	91
67) Hexachlorobenzene	16.78	284	138468	37.993	ng/ul	94
68) Atrazine	16.92	200	143468	34.183	ng/ul	94
69) Pentachlorophenol	17.12	266	103459	38.555	ng/ul#	91
70) Phenanthrene	17.52	178	649205	33.265	ng/ul	98
72) Anthracene	17.61	178	639370	32.525	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	205821	37.236	ng/uL	95
74) Pentachlorobenzene	15.05	250	179893	31.742	ng/uL	97
75) Carbazole	17.87	167	553257	34.957	ng/ul	99
76) Di-n-butylphthalate	18.43	149	670228	34.704	ng/ul	98
77) Fluoranthene	19.52	202	873830	35.558	ng/ul	100
80) Pyrene	19.89	202	864168	33.047	ng/ul	98
81) Butylbenzylphthalate	20.77	149	328327	35.735	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.64	252	341898	36.684	ng/ul	99
83) Benzo(a)anthracene	21.73	228	912316	34.041	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	477257	35.296	ng/ul	98
85) Chrysene	21.80	228	882108	34.070	ng/ul	97
87) Di-n-octyl phthalate	22.88	149	818648	33.570	ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	920792	31.627	ng/ul	100
89) Benzo(k)fluoranthene	24.05	252	923951	32.446	ng/ul	99
91) Benzo(a)pyrene	24.87	252	843221	31.502	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.76	276	1055907	32.502	ng/ul	100
93) Dibenzo(a,h)anthracene	28.83	278	861721	31.980	ng/ul	99
94) Benzo(g,h,i)perylene	29.93	276	857100	31.644	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