

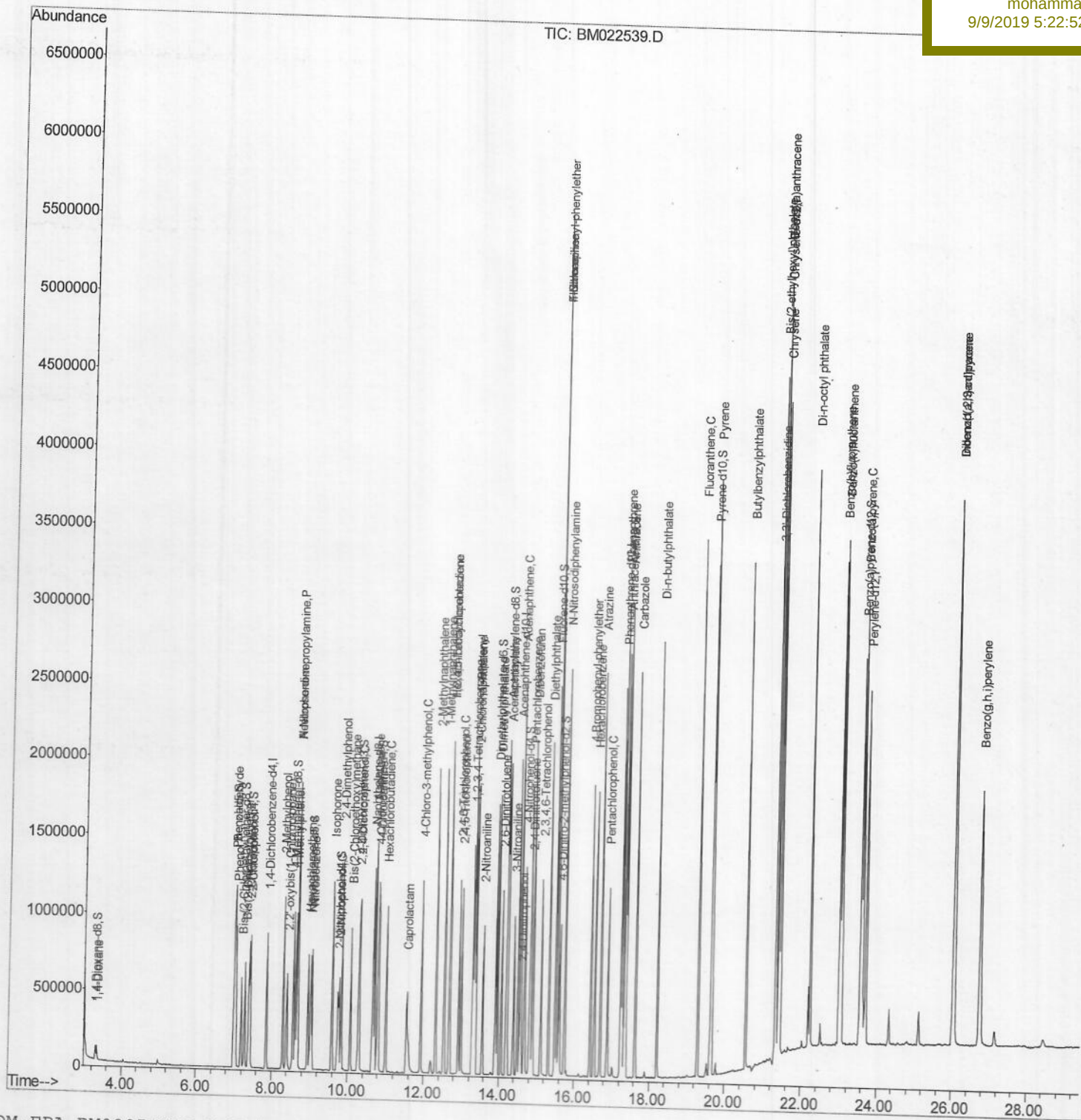
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090519\
Data File : BM022539.D
Acq On : 06 Sep 2019 02:34
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 06 03:40:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02054

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Quantitation Report (Qedit)

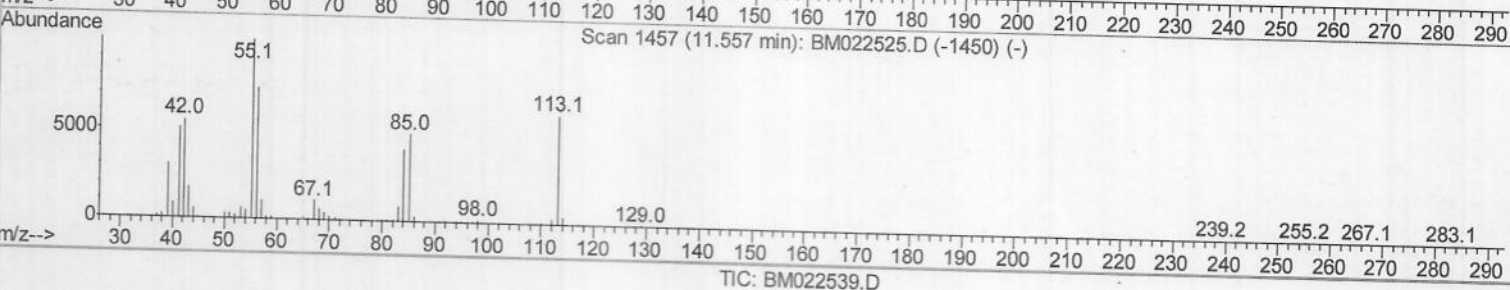
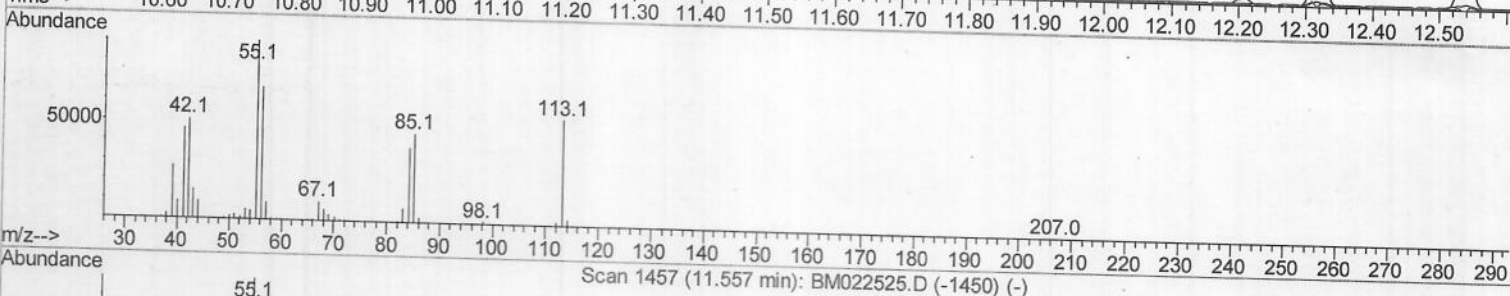
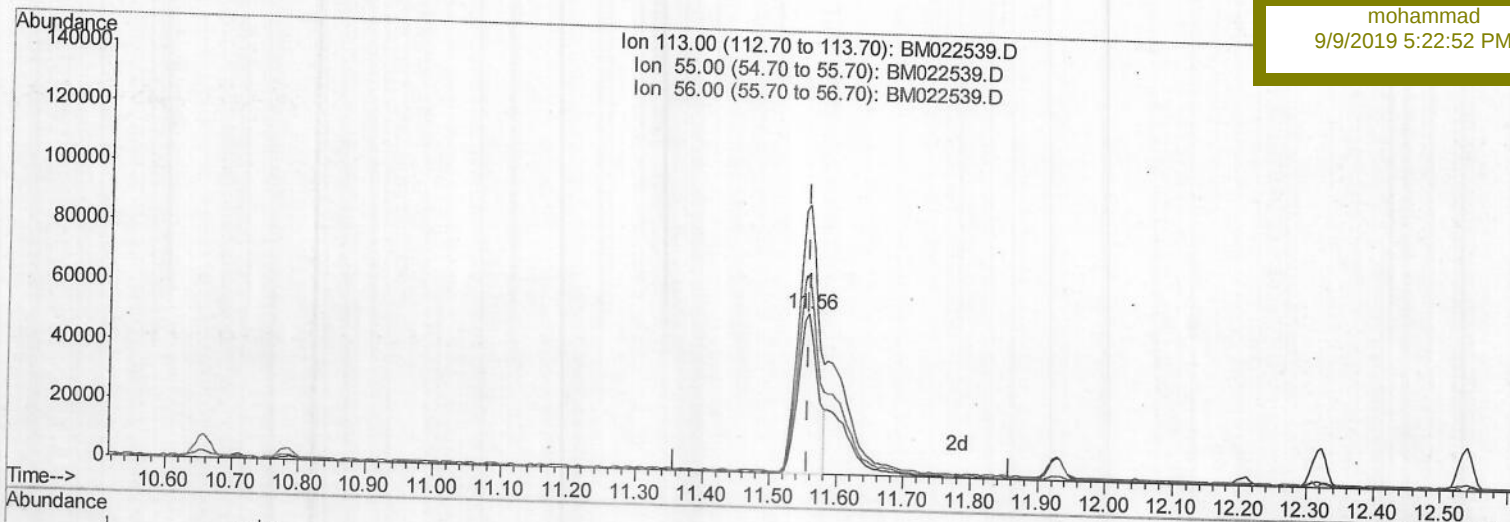
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(32) Caprolactam

11.557min (-0.000) 16.63ng/ul

response 108713

Ion	Exp%	Act%
113.00	100	100
55.00	169.50	167.88
56.00	123.00	124.04
0.00	0.00	0.00

Quantitation Report (Qedit)

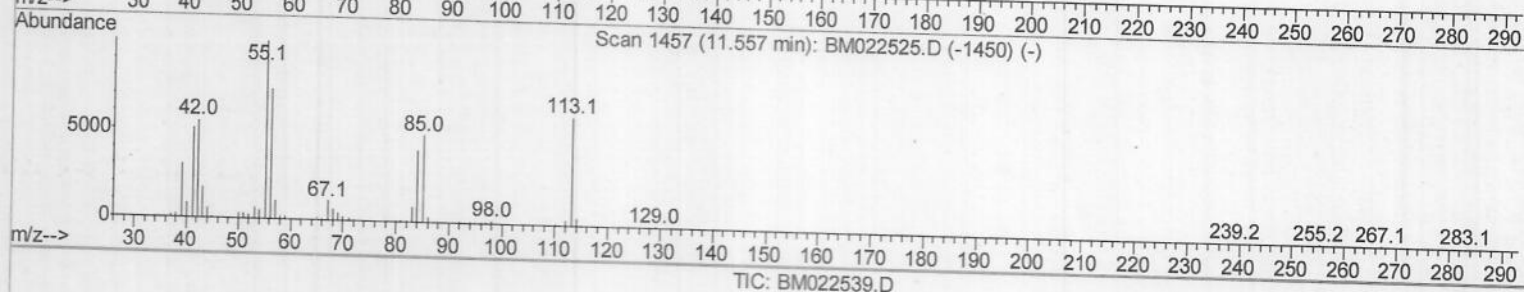
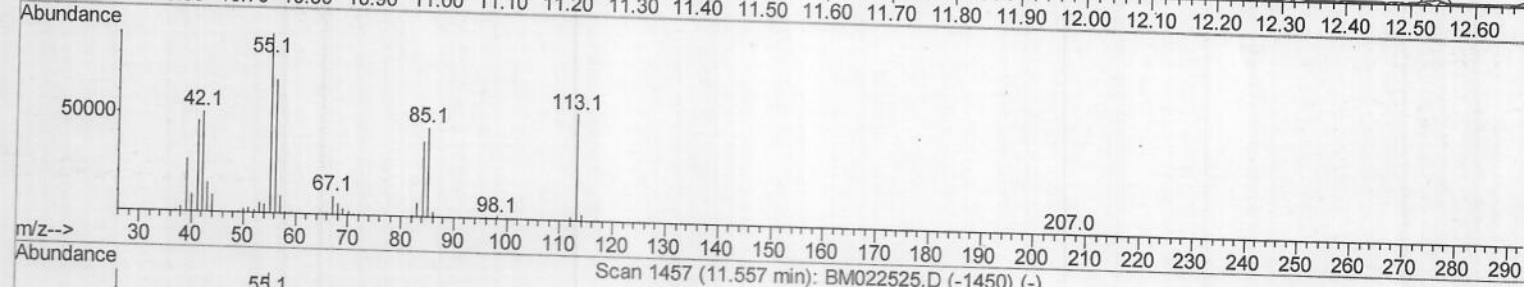
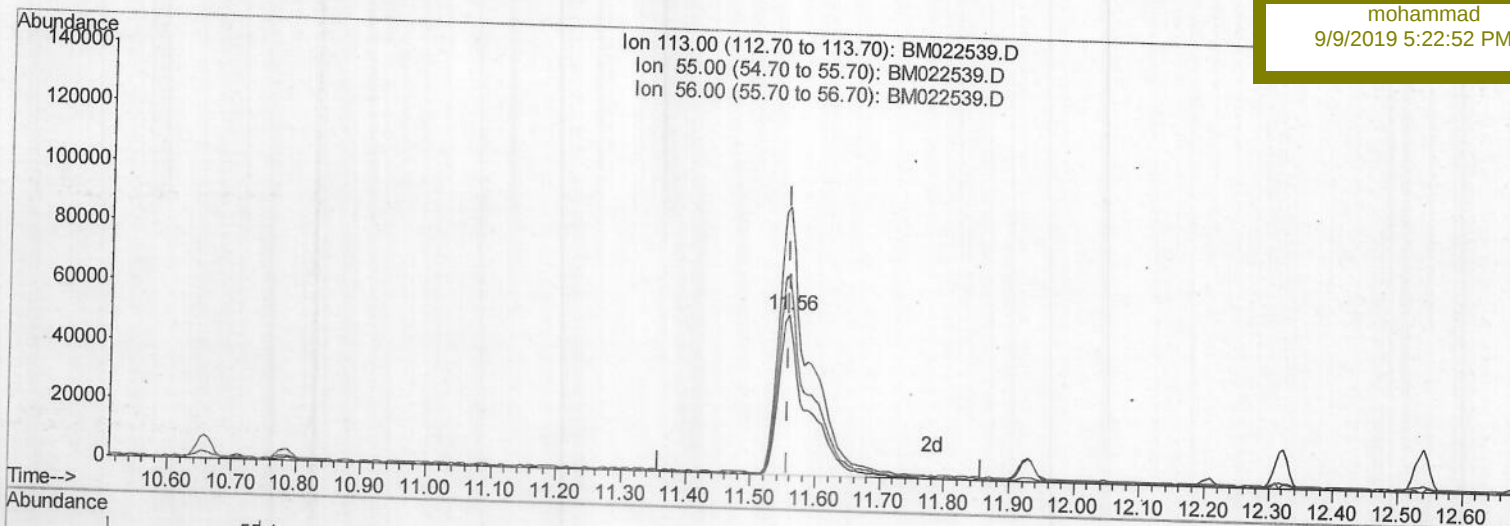
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(32) Caprolactam

11.557min (-0.000) 24.98ng/ul m > JU
 09/24/19

response 163341

Ion	Exp%	Act%
113.00	100	100
55.00	169.50	167.88
56.00	123.00	124.04
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	229267	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1053279	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	672140	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1375771	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1417478	20.00	ng/ul	-0.01
86) Perylene-d12	23.70	264	1625345	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	46874	8.52	ng/uL	0.00
5) Phenol-d5	7.02	99	452183	21.38	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.19	67	266655	22.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	357430	21.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	371082	21.58	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	166379	21.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	154458	22.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	363668	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	520287	22.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1122933	20.62	ng/ul	0.00
47) Acenaphthylene-d8	14.19	160	1451241	22.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	201867	21.70	ng/ul	0.00
58) Fluorene-d10	15.49	176	946538	20.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	126227	20.19	ng/ul	0.00
71) Anthracene-d10	17.33	188	1511001	21.44	ng/ul	0.00
79) Pyrene-d10	19.62	212	1621471	20.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	1756865	20.11	ng/ul	-0.01
Target Compounds						
2) 1,4-Dioxane	3.34	88	44843	8.100	ng/uL	94
4) Benzaldehyde	7.00	77	309051	27.984	ng/ul	98
6) Phenol	7.04	94	461459	20.882	ng/ul	99
8) Bis(2-Chloroethyl) ether	7.28	93	354903	21.146	ng/ul	98
10) 2-Chlorophenol	7.42	128	364715	20.772	ng/ul	97
11) 2-Methylphenol	8.29	108	357757	20.744	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.40	45	560808	22.719	ng/ul	98
14) Acetophenone	8.68	105	578556	21.564	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.67	70	308794	21.308	ng/ul	97
16) 4-Methylphenol	8.62	108	387341	20.800	ng/ul	98
17) Hexachloroethane	8.95	117	145168	20.870	ng/ul	99
20) Nitrobenzene	9.06	77	419439	22.062	ng/ul	100
21) Isophorone	9.59	82	880010	20.656	ng/ul	100
23) 2-Nitrophenol	9.76	139	179600	21.595	ng/ul	97
24) 2,4-Dimethylphenol	9.83	107	434203	20.823	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.07	93	516699	20.685	ng/ul	100
27) 2,4-Dichlorophenol	10.30	162	350906	19.978	ng/ul	98
28) Naphthalene	10.71	128	1199993	20.549	ng/ul	99
30) 4-Chloroaniline	10.80	127	521609	21.607	ng/ul	98
31) Hexachlorobutadiene	11.00	225	208198	19.241	ng/ul	99
32) Caprolactam	11.56	113	163341m	24.982	ng/ul	99
33) 4-Chloro-3-methylphenol	11.93	107	400127	20.643	ng/ul	99
34) 2-Methylnaphthalene	12.32	142	894885	20.340	ng/ul	98

OM-EPA-BM090519MA.M Fri Sep 06 03:40:24 2019

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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)
35) 1-Methylnaphthalene	12.54	142	879105	20.913	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.69	216	427143	19.696	ng/ul	99
38) Hexachlorocyclopentadiene	12.68	237	247680	18.526	ng/ul	98
39) 2,4,6-Trichlorophenol	12.92	196	269875	19.879	ng/ul	98
40) 2,4,5-Trichlorophenol	12.99	196	298612	20.284	ng/ul	98
41) 1,1'-Biphenyl	13.33	154	1127757	20.149	ng/ul	100
42) 2-Chloronaphthalene	13.37	162	879634	20.758	ng/ul	100
43) 2-Nitroaniline	13.56	65	240297	24.288	ng/ul	99
45) Dimethylphthalate	13.95	163	1118090	20.224	ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	205764	22.860	ng/ul	97
48) Acenaphthylene	14.22	152	1352601	19.995	ng/ul	100
49) 3-Nitroaniline	14.38	138	227371	23.295	ng/ul	97
50) Acenaphthene	14.56	153	966048	20.610	ng/ul	98
51) 2,4-Dinitrophenol	14.59	184	73551	17.813	ng/ul#	81
53) 4-Nitrophenol	14.68	109	164895	22.059	ng/ul	96
54) Dibenzofuran	14.89	168	1317065	20.246	ng/ul	98
55) 2,4-Dinitrotoluene	14.84	165	302031	22.907	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.12	232	243840	19.939	ng/ul	99
57) Diethylphthalate	15.32	149	1154588	20.185	ng/ul	99
59) Fluorene	15.54	166	1108986	20.721	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.54	204	535740	20.227	ng/ul	98
61) 4-Nitroaniline	15.54	138	254770	22.907	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.60	198	138835	19.187	ng/ul	94
65) N-Nitrosodiphenylamine	15.74	169	959800	20.444	ng/ul	100
66) 4-Bromophenyl-phenylether	16.43	248	338088	19.668	ng/ul	97
67) Hexachlorobenzene	16.54	284	377232	19.914	ng/ul	98
68) Atrazine	16.69	200	419774	23.258	ng/ul	98
69) Pentachlorophenol	16.88	266	197764	18.922	ng/ul	99
70) Phenanthrene	17.27	178	1732405	20.566	ng/ul	100
72) Anthracene	17.36	178	1791137	20.700	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	421139	19.663	ng/uL	99
74) Pentachlorobenzene	14.82	250	440076	20.383	ng/uL	99
75) Carbazole	17.63	167	1640904	21.099	ng/ul	99
76) Di-n-butylphthalate	18.20	149	1999919	20.305	ng/ul	99
77) Fluoranthene	19.29	202	2047848	21.422	ng/ul	99
80) Pyrene	19.64	202	2087170	20.346	ng/ul	98
81) Butylbenzylphthalate	20.55	149	869691	20.108	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.32	252	771206	21.394	ng/ul	99
83) Benzo(a)anthracene	21.39	228	2138137	20.334	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.34	149	1342975	20.463	ng/ul	100
85) Chrysene	21.44	228	1984817	20.512	ng/ul	99
87) Di-n-octyl phthalate	22.23	149	2265167	19.468	ng/ul	100
88) Benzo(b)fluoranthene	23.01	252	2145701	20.067	ng/ul	99
89) Benzo(k)fluoranthene	23.06	252	2147485	20.666	ng/ul	100
91) Benzo(a)pyrene	23.60	252	2091600	20.501	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.04	276	2471743	20.971	ng/ul	98
93) Dibenzo(a,h)anthracene	26.05	278	2068268	21.087	ng/ul	99
94) Benzo(a,h,i)perylene	26.75	276	2002988	20.687	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