Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP081021\
Data File : BP006621.D
Acq On : 10 Aug 2021 13:26
Operator : CG/JU
Sample : SSTD04011
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 10 13:55:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 13:23:21 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040611

Manual Integrations APPROVED
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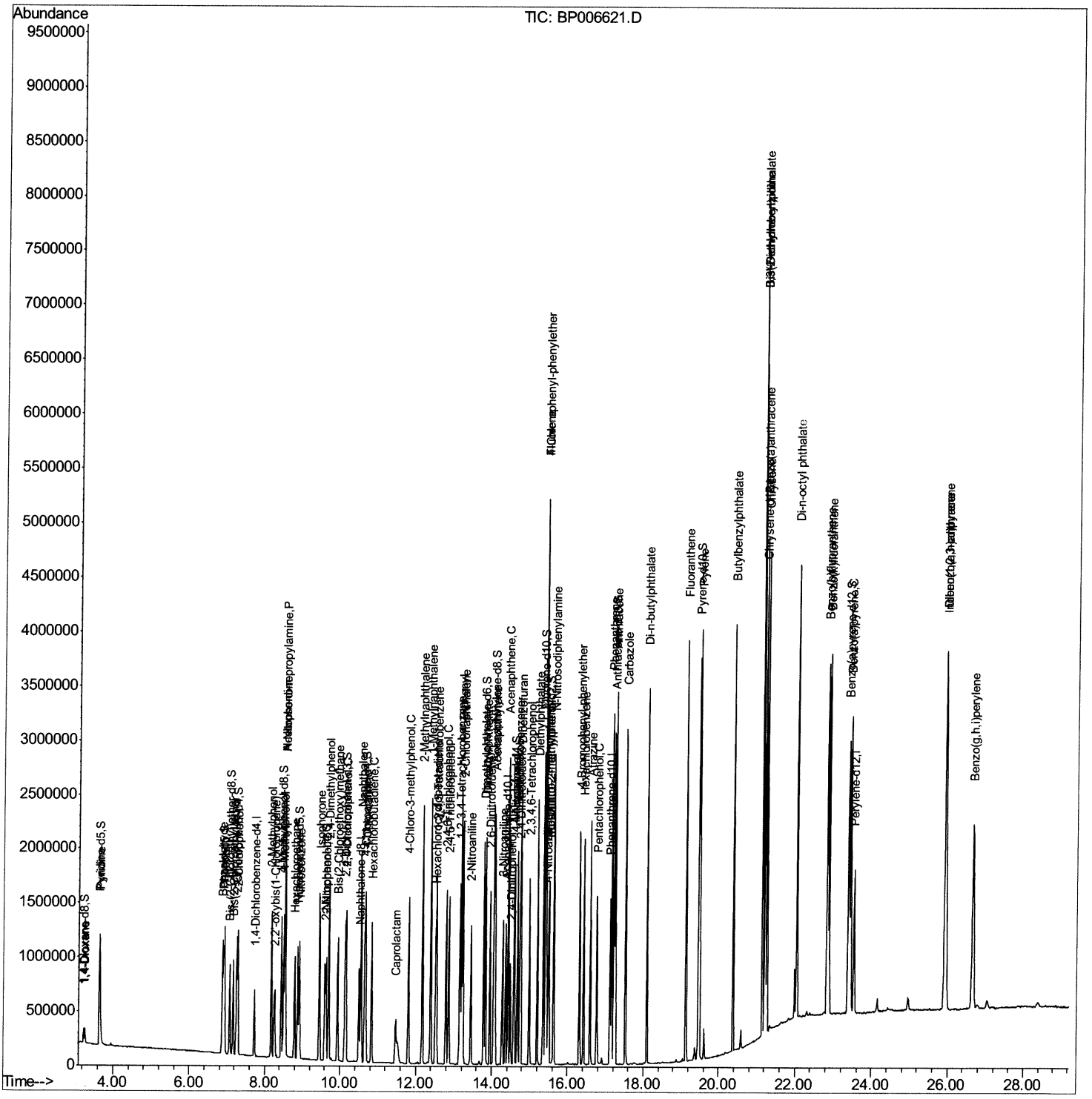

Quantitation Report (Qedit)

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Data File : BP006621.D
Acq On : 10 Aug 2021 13:26
Operator : CG/JU
Sample : SSTD04011
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 10 13:53:03 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 13:23:21 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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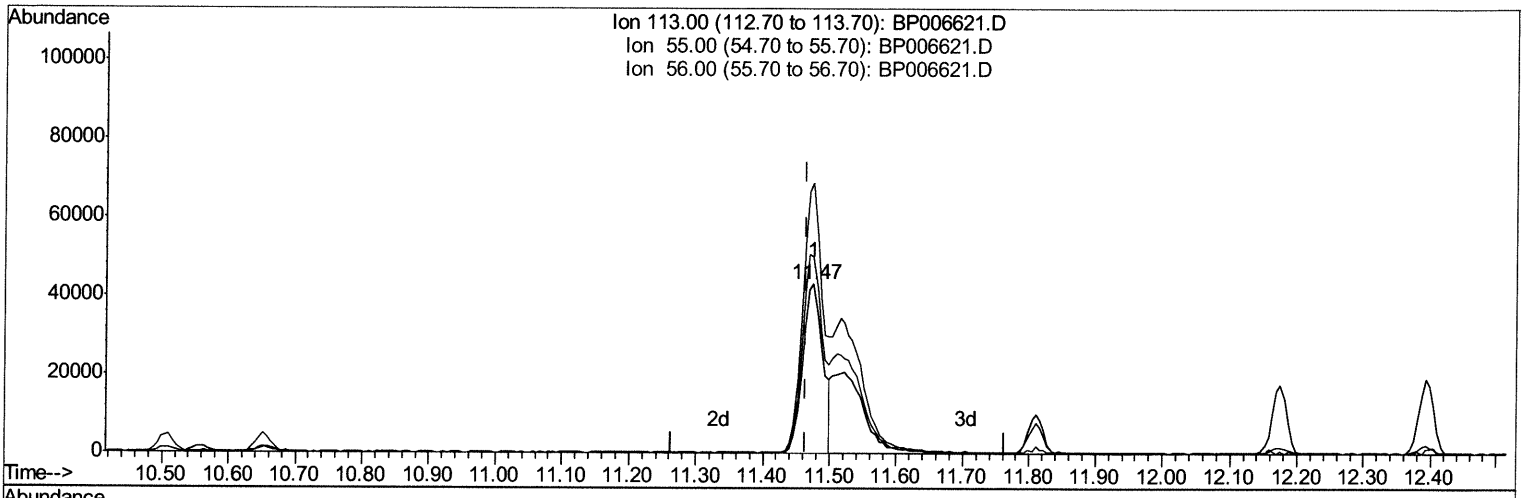

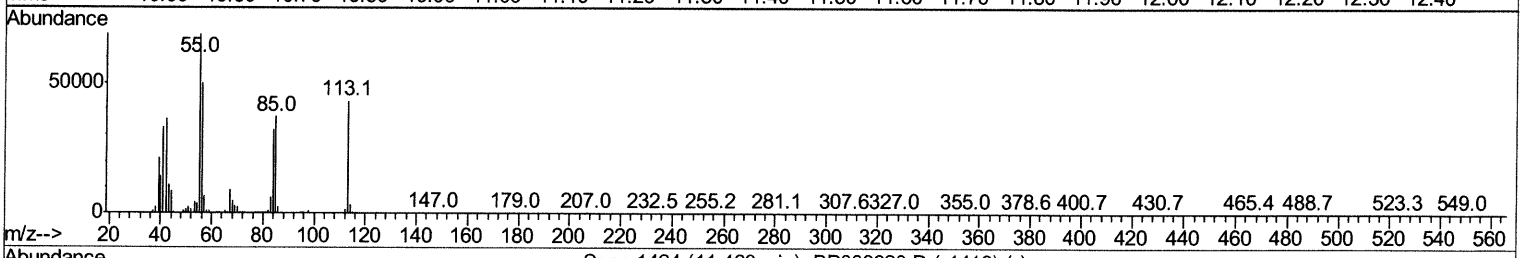

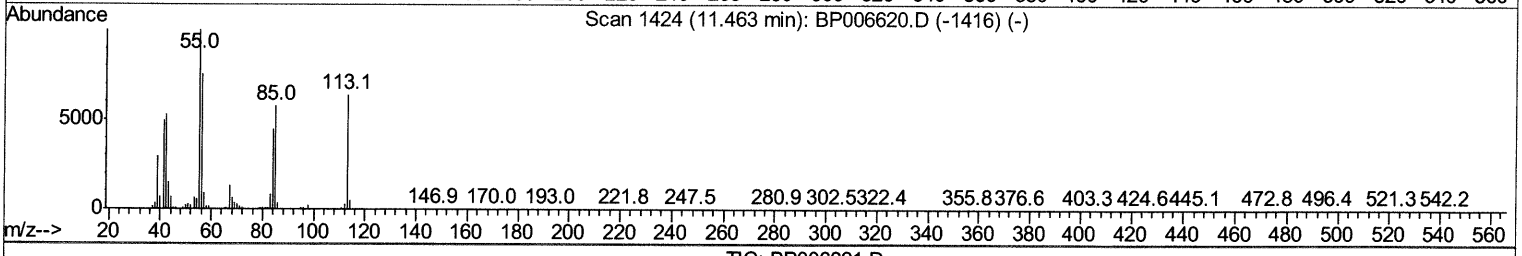

TIC: BP006621.D

(34) Caprolactam

11.475min (+0.011) 27.90ng/ul

response 90339

Ion	Exp%	Act%
113.00	100	100
55.00	158.10	159.54
56.00	118.70	115.97
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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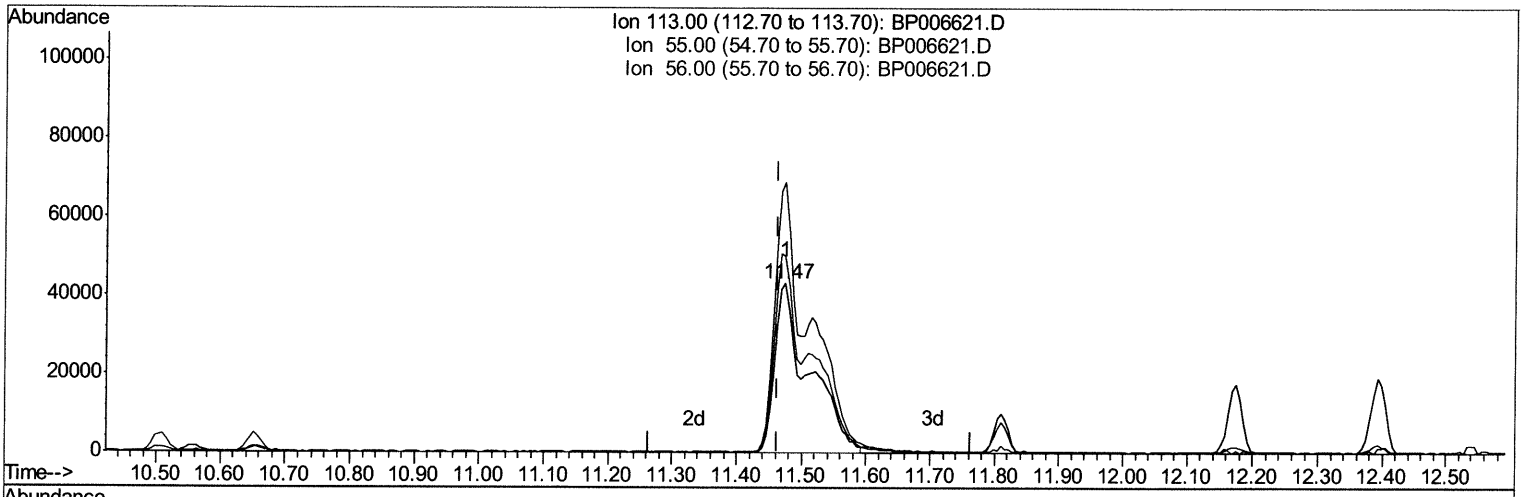

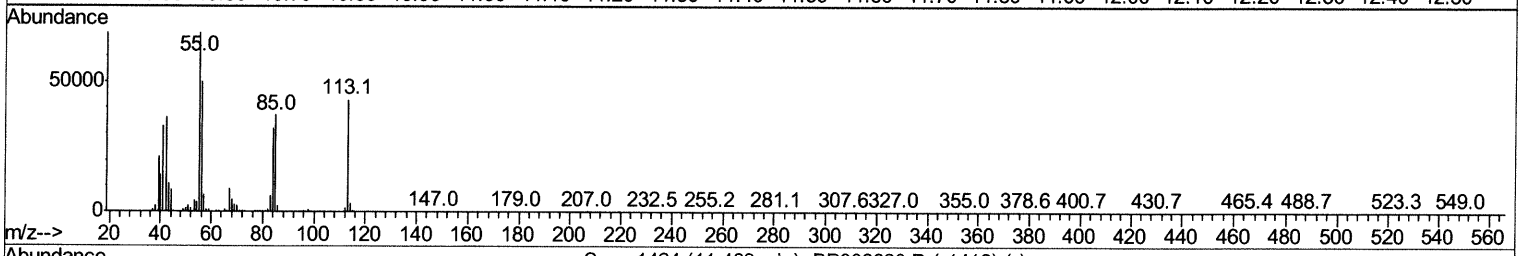

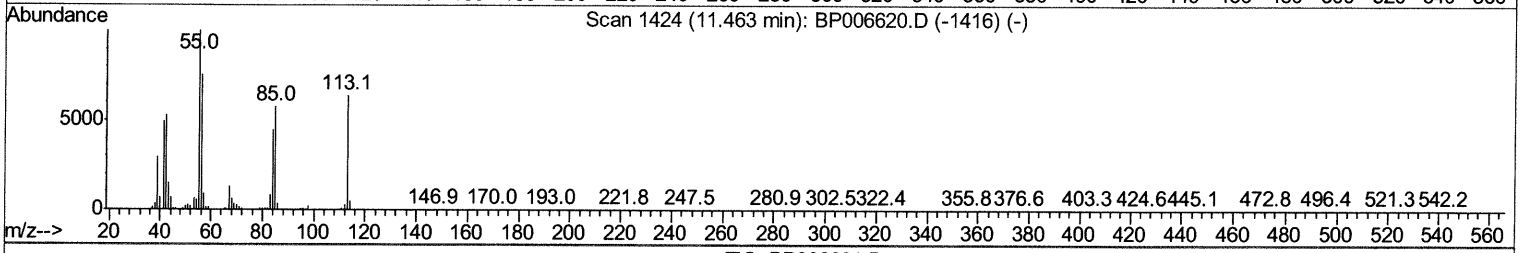

TIC: BP006621.D

(34) Caprolactam

11.475min (+0.011) 48.33ng/ul m JU 8/12/21

response 156510

Ion	Exp%	Act%
113.00	100	100
55.00	158.10	159.54
56.00	118.70	115.97
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : CG/JU
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Misc :
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Instrument : BNA_P
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Quant Time: Aug 10 13:55:40 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 13:23:21 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	150460	20.00	ng/ul	0.00
20) Naphthalene-d8	10.51	136	686137	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	407268	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	794233	20.00	ng/ul	0.00
79) Chrysene-d12	21.22	240	769634	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	803186	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	68927	17.10	ng/uL	0.00
4) Pyridine-d5	3.63	84	501959	41.95	ng/ul	0.00
7) Phenol-d5	6.90	99	589583	41.72	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.07	67	363262	41.32	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	456403	43.47	ng/ul	0.00
15) 4-Methylphenol-d8	8.44	113	478312	43.04	ng/ul	0.00
21) Nitrobenzene-d5	8.88	128	235979	46.19	ng/ul	0.00
24) 2-Nitrophenol-d4	9.60	143	251230	51.50	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.13	165	417018	43.62	ng/ul	0.00
31) 4-Chloroaniline-d4	10.65	131	652596	41.47	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	1236353	42.65	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	1549457	43.51	ng/ul	0.00
54) 4-Nitrophenol-d4	14.58	143	256875	44.63	ng/ul	0.00
60) Fluorene-d10	15.36	176	1005564	41.27	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	209030	47.21	ng/ul	0.00
73) Anthracene-d10	17.22	188	1515640	42.27	ng/ul	0.00
81) Pyrene-d10	19.46	212	1613588	40.76	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.39	264	1710816	41.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	73323	17.229	ng/uL	96
5) Pyridine	3.65	79	516561	41.393	ng/ul	98
6) Benzaldehyde	6.88	77	365925	47.462	ng/ul	97
8) Phenol	6.93	94	600887	41.599	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.16	93	460410	40.522	ng/ul	99
12) 2-Chlorophenol	7.29	128	458707	43.097	ng/ul	99
13) 2-Methylphenol	8.17	108	444260	42.147	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.26	45	540900	42.613	ng/ul	99
16) Acetophenone	8.55	105	751837	43.997	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.54	70	422691	47.281	ng/ul	99
18) 4-Methylphenol	8.50	108	487278	43.051	ng/ul	95
19) Hexachloroethane	8.79	117	196625	45.162	ng/ul	97
22) Nitrobenzene	8.92	77	602803	45.476	ng/ul	98
23) Isophorone	9.45	82	1131882	47.765	ng/ul	99
25) 2-Nitrophenol	9.63	139	261666	48.643	ng/ul	99
26) 2,4-Dimethylphenol	9.70	107	559403	43.849	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.94	93	650222	42.729	ng/ul	100
29) 2,4-Dichlorophenol	10.16	162	400607	42.715	ng/ul	98
30) Naphthalene	10.56	128	1477149	41.494	ng/ul	100
32) 4-Chloroaniline	10.67	127	643731	41.523	ng/ul	99
33) Hexachlorobutadiene	10.84	225	229768	40.159	ng/ul	97
34) Caprolactam	11.47	113	156510m	48.329	ng/ul	>

JU 8/12/21

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Manual Integrations APPROVED
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.81	107	520111	46.456	ng/ul	97
36) 2-Methylnaphthalene	12.17	142	1021849	41.891	ng/ul	99
37) 1-Methylnaphthalene	12.39	142	1026195	41.795	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	437026	39.819	ng/ul	96
40) Hexachlorocyclopentadiene	12.52	237	276857	38.776	ng/ul	99
41) 2,4,6-Trichlorophenol	12.79	196	304846	44.824	ng/ul	99
42) 2,4,5-Trichlorophenol	12.86	196	329210	44.242	ng/ul	98
43) 1,1'-Biphenyl	13.20	154	1252641	41.030	ng/ul	99
44) 2-Chloronaphthalene	13.23	162	946076	41.044	ng/ul	99
45) 2-Nitroaniline	13.45	65	360890	53.001	ng/ul	100
47) Dimethylphthalate	13.83	163	1206128	42.391	ng/ul	100
48) 2,6-Dinitrotoluene	13.95	165	250061	48.075	ng/ul	93
50) Acenaphthylene	14.08	152	1477477	42.603	ng/ul	99
51) 3-Nitroaniline	14.28	138	289513	47.503	ng/ul	95
52) Acenaphthene	14.43	153	1045139	41.075	ng/ul	100
53) 2,4-Dinitrophenol	14.49	184	150583	48.812	ng/ul	99
55) 4-Nitrophenol	14.60	109	229363	49.269	ng/ul	98
56) Dibenzofuran	14.76	168	1402536	41.102	ng/ul	99
57) 2,4-Dinitrotoluene	14.74	165	366967	49.369	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.99	232	265039	45.674	ng/ul	98
59) Diethylphthalate	15.20	149	1286688	43.662	ng/ul	99
61) Fluorene	15.42	166	1166869	41.571	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.42	204	526191	40.210	ng/ul	99
63) 4-Nitroaniline	15.45	138	286777	47.909	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.50	198	203211	46.949	ng/ul	96
67) N-Nitrosodiphenylamine	15.63	169	977280	41.420	ng/ul	99
68) 4-Bromophenyl-phenylether	16.31	248	309789	48.704	ng/ul	98
69) Hexachlorobenzene	16.42	284	348492	40.854	ng/ul	100
70) Atrazine	16.60	200	342408	41.935	ng/ul	99
71) Pentachlorophenol	16.77	266	227529	42.429	ng/ul	99
72) Phenanthrene	17.16	178	1779120	41.716	ng/ul	99
74) Anthracene	17.25	178	1816563	42.008	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.16	216	437433	40.180	ng/uL	97
76) Pentachlorobenzene	14.68	250	427422	40.272	ng/uL	97
77) Carbazole	17.53	167	1676311	42.377	ng/ul	100
78) Di-n-butylphthalate	18.09	149	2199968	46.533	ng/ul	100
80) Fluoranthene	19.13	202	2009688	41.201	ng/ul	99
82) Pyrene	19.49	202	2057620	40.652	ng/ul	98
83) Butylbenzylphthalate	20.38	149	1026262	49.415	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.14	252	701771	41.384	ng/ul	97
85) Benzo(a)anthracene	21.20	228	1957799	41.052	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.14	149	1572287	48.354	ng/ul	98
87) Chrysene	21.26	228	1888324	41.309	ng/ul	100
89) Di-n-octyl phthalate	22.04	149	2689518	48.051	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	2116808	41.493	ng/ul	99
91) Benzo(k)fluoranthene	22.88	252	1943474	40.139	ng/ul	99
93) Benzo(a)pyrene	23.43	252	1851278	41.515	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.93	276	2442220	42.785	ng/ul	99
95) Dibenzo(a,h)anthracene	25.95	278	2052808	42.461	ng/ul	99
96) Benzo(g,h,i)perylene	26.67	276	2015840	42.742	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