Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP072421\
Data File : BP006302.D
Acq On : 24 Jul 2021 12:25
Operator : CG/JU
Sample : PB137656BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 26 03:08:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 04:29:12 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS656

Manual Integrations APPROVED
mohammad
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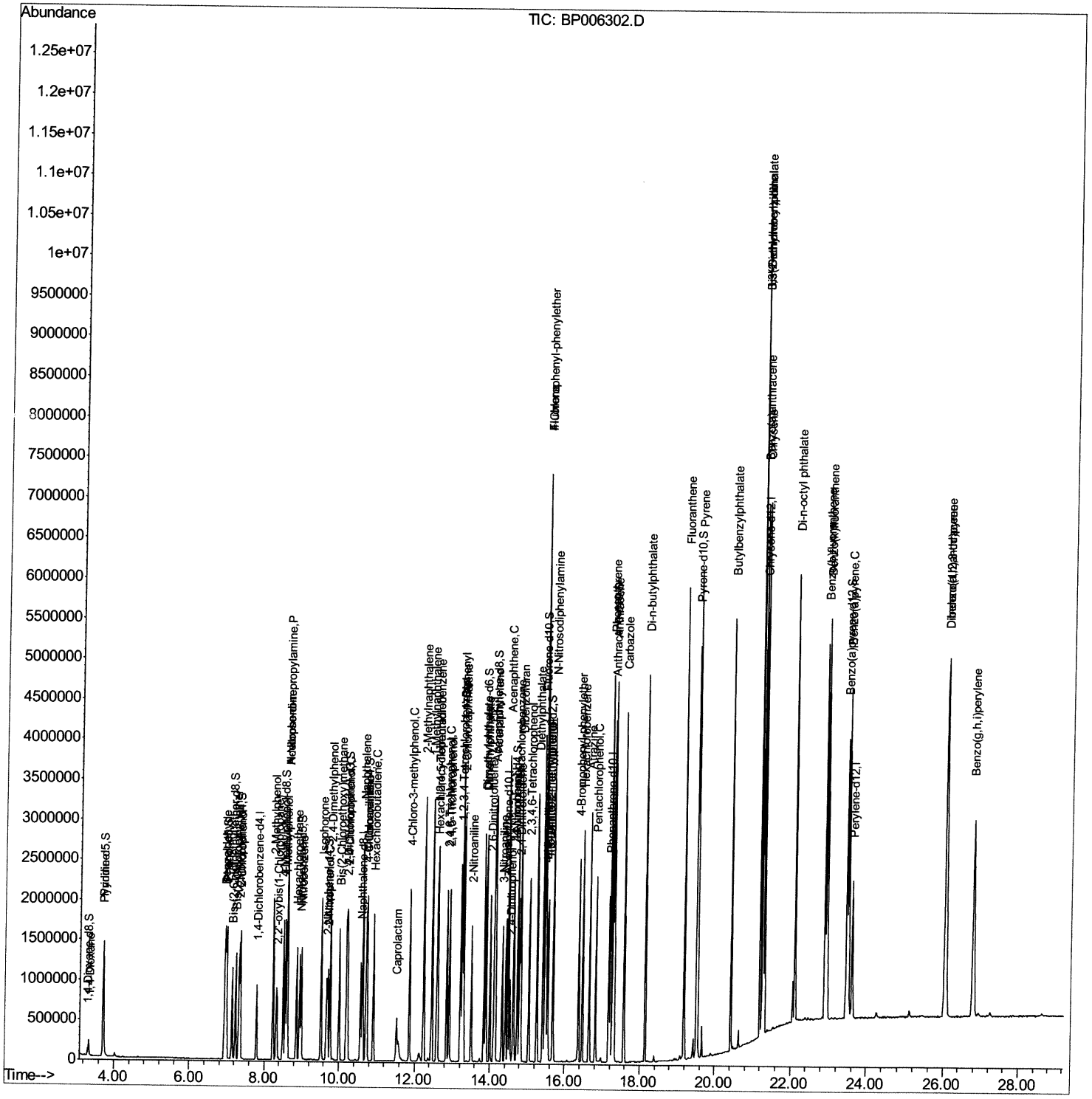

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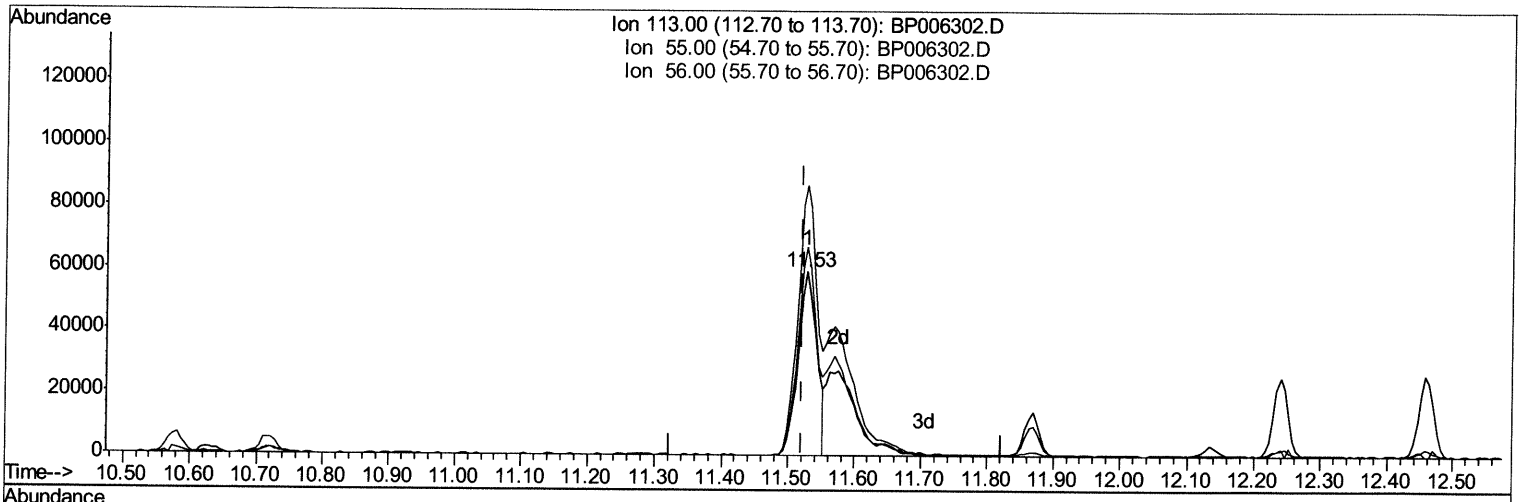

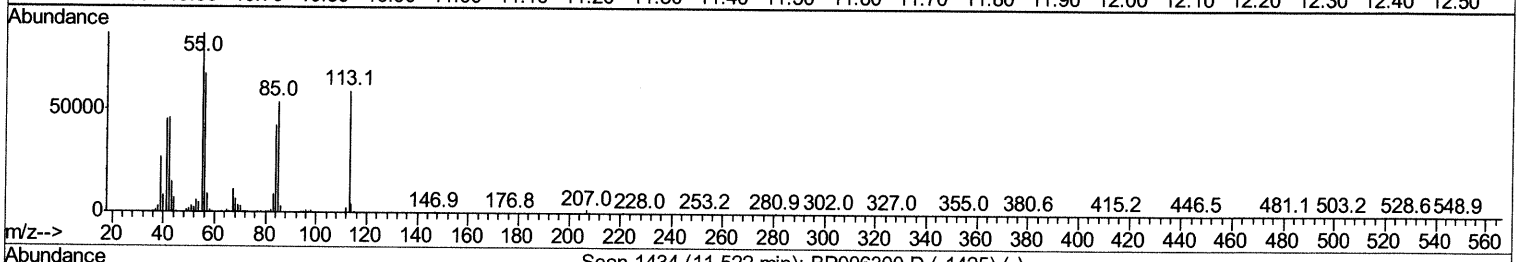

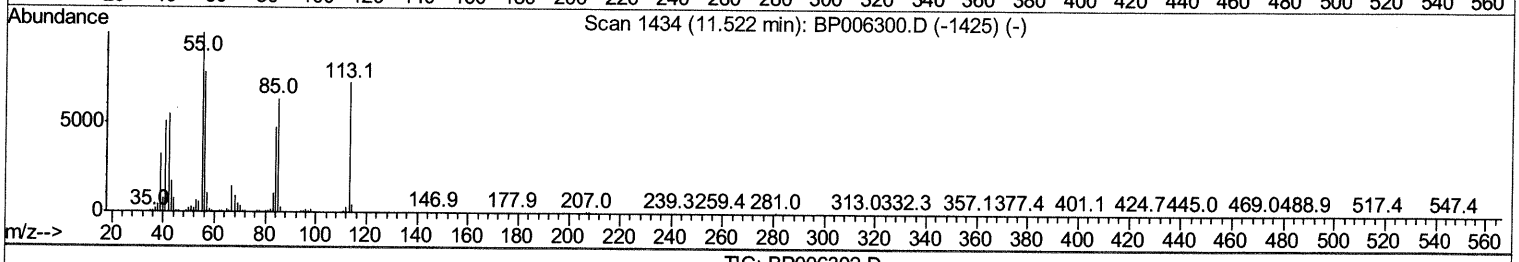

TIC: BP006302.D

(34) Caprolactam

11.528min (+0.006) 24.61ng/ul

response 115335

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	146.85
56.00	111.50	113.22
0.00	0.00	0.00

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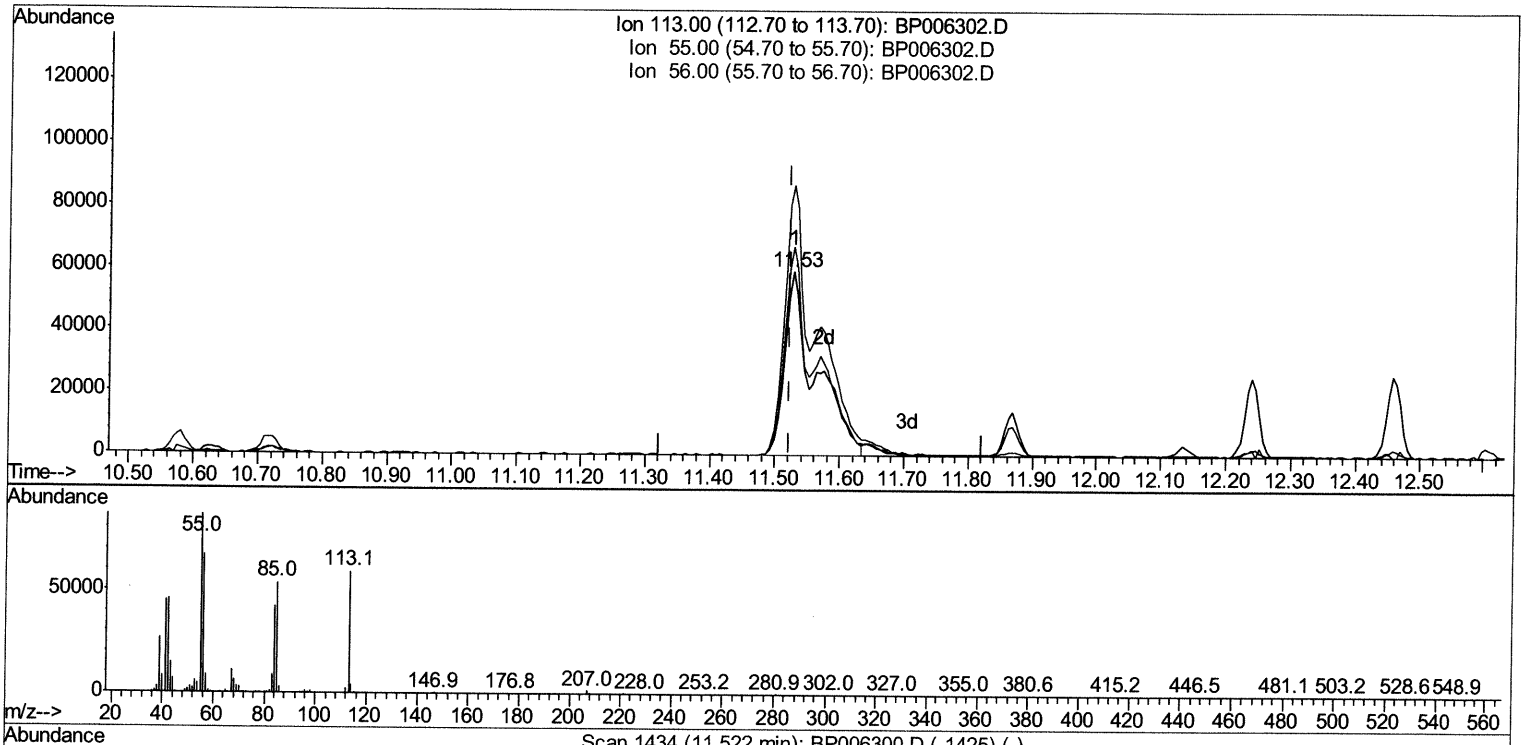

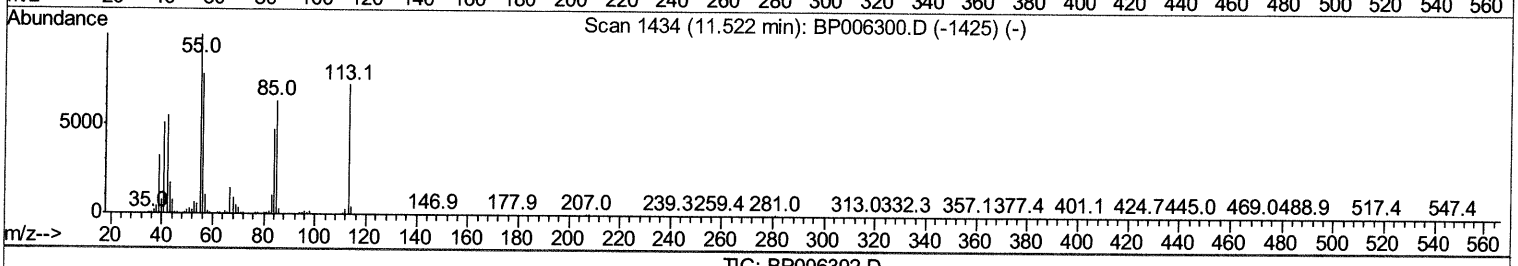

TIC: BP006302.D

(34) Caprolactam

11.528min (+0.006) 41.77ng/ul m

response 195775

JU 07/27/21

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	146.85
56.00	111.50	113.22
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	7.79	152	230899	20.00	ng/ul	0.00
20) Naphthalene-d8	10.58	136	993155	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.42	164	581274	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.17	188	1155373	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	1128664	20.00	ng/ul	0.00
88) Perylene-d12	23.62	264	1133502	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	46642	7.54	ng/uL	0.00
4) Pyridine-d5	3.70	84	678760	36.96	ng/ul	0.00
7) Phenol-d5	6.96	99	834427	38.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.13	67	524576	38.88	ng/ul	0.00
11) 2-Chlorophenol-d4	7.33	132	648523	40.25	ng/ul	0.00
15) 4-Methylphenol-d8	8.50	113	660833	38.75	ng/ul	0.00
21) Nitrobenzene-d5	8.95	128	308514	41.72	ng/ul	0.00
24) 2-Nitrophenol-d4	9.66	143	305514	43.27	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.20	165	571389	41.30	ng/ul	0.00
31) 4-Chloroaniline-d4	10.72	131	880698	38.66	ng/ul	0.00
46) Dimethylphthalate-d6	13.84	166	1756142	42.45	ng/ul	0.00
49) Acenaphthylene-d8	14.11	160	2193520	43.16	ng/ul	0.00
54) 4-Nitrophenol-d4	14.62	143	349835	42.59	ng/ul	0.00
60) Fluorene-d10	15.42	176	1465089	42.13	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	260773	40.49	ng/ul	0.00
73) Anthracene-d10	17.27	188	2234079	42.84	ng/ul	0.00
81) Pyrene-d10	19.51	212	2482036	42.75	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.47	264	2428407	42.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	99004	15.159	ng/uL	98
5) Pyridine	3.72	79	709228	37.033	ng/ul	98
6) Benzaldehyde	6.94	77	526783	44.523	ng/ul	100
8) Phenol	6.99	94	879850	39.692	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.23	93	687377	39.422	ng/ul	99
12) 2-Chlorophenol	7.36	128	674857	41.316	ng/ul	98
13) 2-Methylphenol	8.23	108	639567	39.538	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.32	45	767957	39.424	ng/ul	99
16) Acetophenone	8.62	105	1032113	39.357	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.61	70	559463	40.779	ng/ul	97
18) 4-Methylphenol	8.57	108	688776	39.654	ng/ul	95
19) Hexachloroethane	8.86	117	274815	41.131	ng/ul	99
22) Nitrobenzene	8.99	77	817614	42.614	ng/ul	99
23) Isophorone	9.52	82	1461928	42.622	ng/ul	99
25) 2-Nitrophenol	9.70	139	343812	44.155	ng/ul	98
26) 2,4-Dimethylphenol	9.76	107	733199	39.705	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.00	93	905537	41.111	ng/ul	100
29) 2,4-Dichlorophenol	10.23	162	576124	42.440	ng/ul	99
30) Naphthalene	10.63	128	2120577	41.154	ng/ul	100
32) 4-Chloroaniline	10.75	127	878890	39.166	ng/ul	99
33) Hexachlorobutadiene	10.92	225	344615	41.612	ng/ul	98
34) Caprolactam	11.53	113	195775m	41.766	ng/ul	98

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Quant Time: Jul 26 03:08:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 04:29:12 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.87	107	711417	43.900 ng/ul	98
36) 2-Methylnaphthalene	12.24	142	1470163	41.638 ng/ul	100
37) 1-Methylnaphthalene	12.46	142	1431685	40.284 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	653805	41.737 ng/ul	99
40) Hexachlorocyclopentadiene	12.59	237	374959	36.795 ng/ul	100
41) 2,4,6-Trichlorophenol	12.85	196	427982	44.092 ng/ul	98
42) 2,4,5-Trichlorophenol	12.92	196	472163	44.458 ng/ul	99
43) 1,1'-Biphenyl	13.26	154	1815299	41.661 ng/ul	99
44) 2-Chloronaphthalene	13.29	162	1368241	41.589 ng/ul	99
45) 2-Nitroaniline	13.50	65	454681	46.786 ng/ul	96
47) Dimethylphthalate	13.89	163	1750161	43.099 ng/ul	100
48) 2,6-Dinitrotoluene	14.00	165	344038	46.342 ng/ul	97
50) Acenaphthylene	14.14	152	2118178	42.794 ng/ul	100
51) 3-Nitroaniline	14.33	138	379203	43.594 ng/ul	98
52) Acenaphthene	14.49	153	1524398	41.976 ng/ul	99
53) 2,4-Dinitrophenol	14.53	184	186688	42.400 ng/ul	95
55) 4-Nitrophenol	14.64	109	297196	44.729 ng/ul	94
56) Dibenzofuran	14.82	168	2062558	42.350 ng/ul	100
57) 2,4-Dinitrotoluene	14.79	165	502089	47.327 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.05	232	380269	45.914 ng/ul	99
59) Diethylphthalate	15.26	149	1869464	44.447 ng/ul	99
61) Fluorene	15.47	166	1715644	42.825 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.47	204	792264	42.419 ng/ul	99
63) 4-Nitroaniline	15.50	138	400315	46.857 ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.55	198	268830	42.696 ng/ul#	96
67) N-Nitrosodiphenylamine	15.69	169	1450749	42.268 ng/ul	99
68) 4-Bromophenyl-phenylether	16.37	248	411565	44.480 ng/ul	98
69) Hexachlorobenzene	16.47	284	528493	42.590 ng/ul	99
70) Atrazine	16.65	200	517740	43.589 ng/ul	99
71) Pentachlorophenol	16.82	266	328500	42.110 ng/ul	99
72) Phenanthrene	17.22	178	2674311	43.106 ng/ul	99
74) Anthracene	17.30	178	2681575	42.628 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.22	216	648480	40.947 ng/uL	99
76) Pentachlorobenzene	14.73	250	643595	41.686 ng/uL	99
77) Carbazole	17.58	167	2498482	43.418 ng/ul	99
78) Di-n-butylphthalate	18.15	149	3169216	46.081 ng/ul	100
80) Fluoranthene	19.19	202	3018754	42.201 ng/ul	99
82) Pyrene	19.54	202	3115737	41.976 ng/ul	99
83) Butylbenzylphthalate	20.43	149	1406181	46.170 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.19	252	1063814	42.778 ng/ul	99
85) Benzo(a)anthracene	21.25	228	2981013	42.624 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.20	149	2193325	45.996 ng/ul	98
87) Chrysene	21.30	228	2855929	42.602 ng/ul	100
89) Di-n-octyl phthalate	22.11	149	3650720	46.217 ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	3118998	43.321 ng/ul	100
91) Benzo(k)fluoranthene	22.95	252	2979179	43.599 ng/ul	99
93) Benzo(a)pyrene	23.52	252	2766456	43.959 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.06	276	3534255	43.873 ng/ul	98
95) Dibenzo(a,h)anthracene	26.08	278	2983757	43.732 ng/ul	98
96) Benzo(g,h,i)perylene	26.80	276	2909779	43.718 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

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