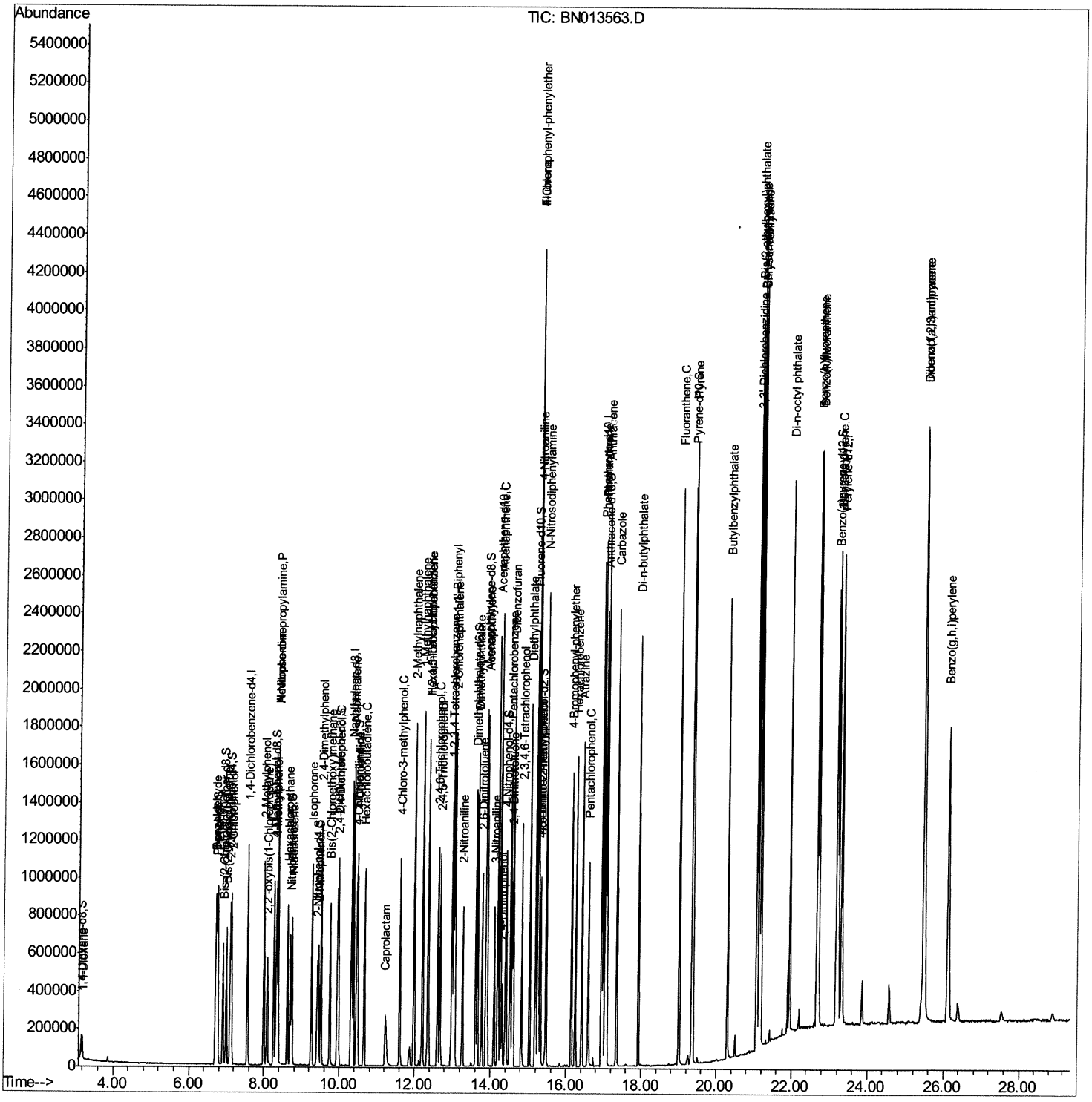
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020321\
Data File : BN013563.D
Acq On : 03 Feb 2021 19:08
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 04 02:52:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 03 12:01:22 2021
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02061

Manual Integrations APPROVED
mohammad
2/4/2021 11:14:15 AM



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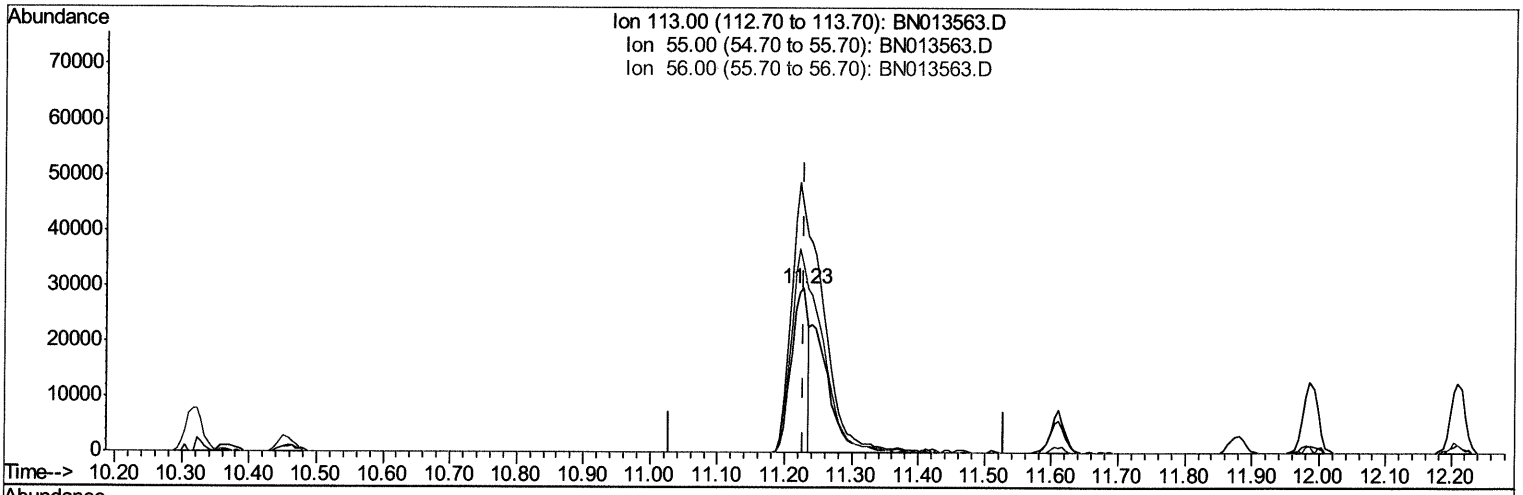

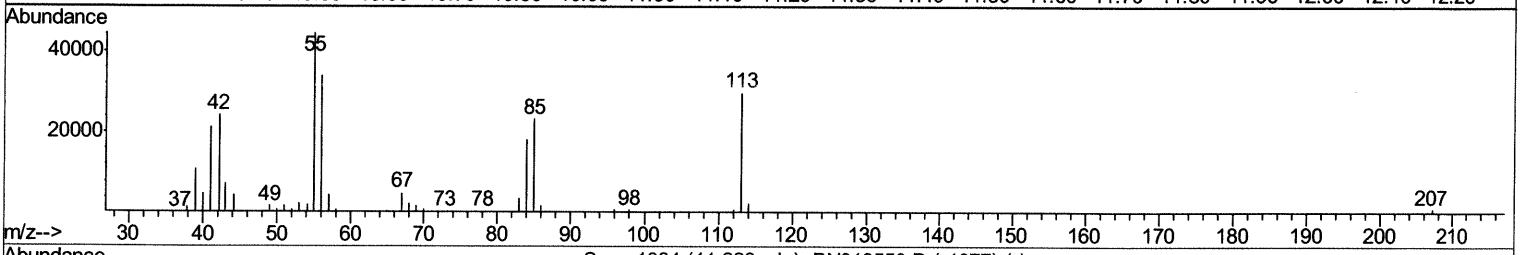

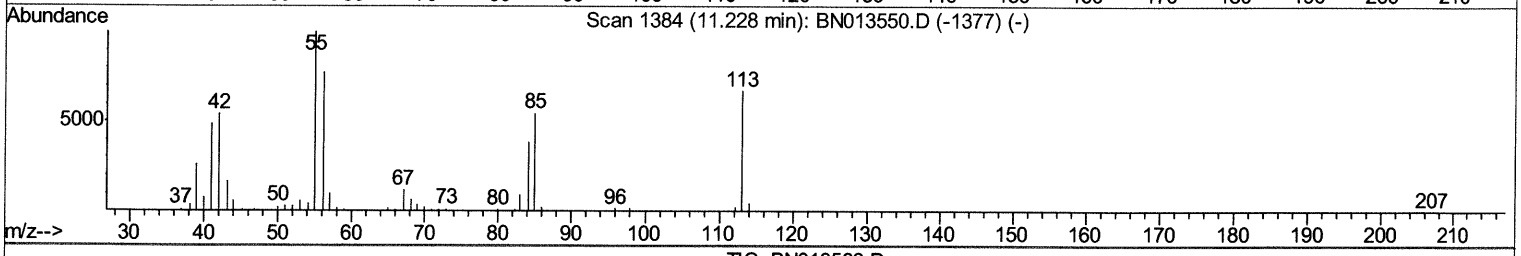

TIC: BN013563.D

(32) Caprolactam

11.228min (-0.000) 9.30ng/ul

response 50112

Ion	Exp%	Act%
113.00	100	100
55.00	159.50	149.85
56.00	119.50	114.17
0.00	0.00	0.00

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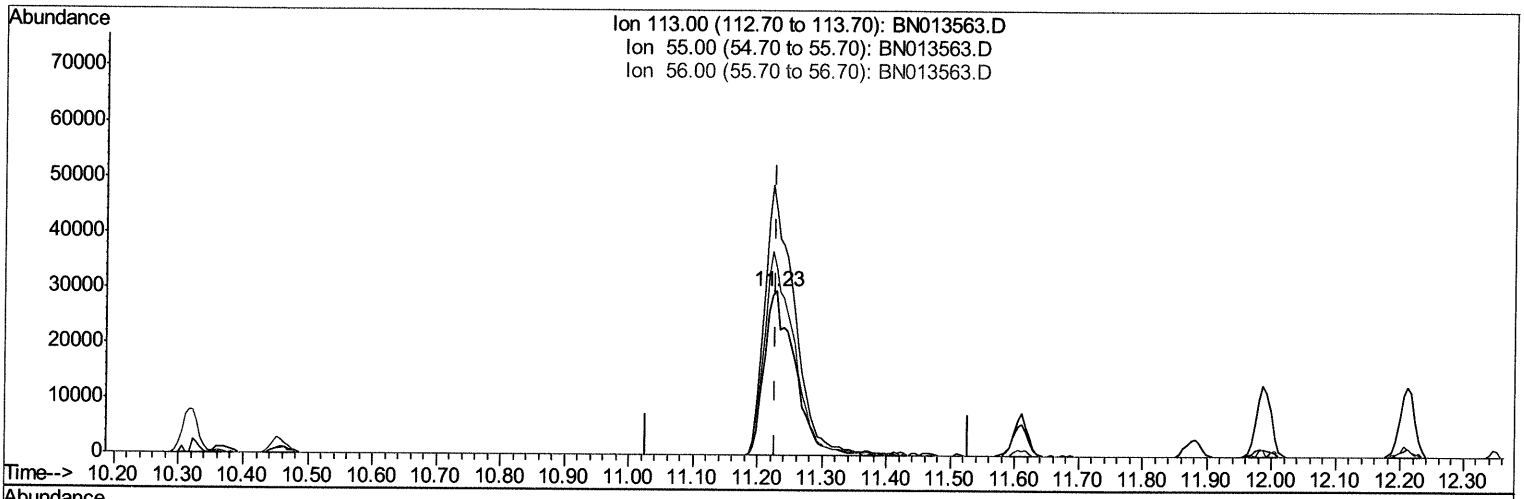

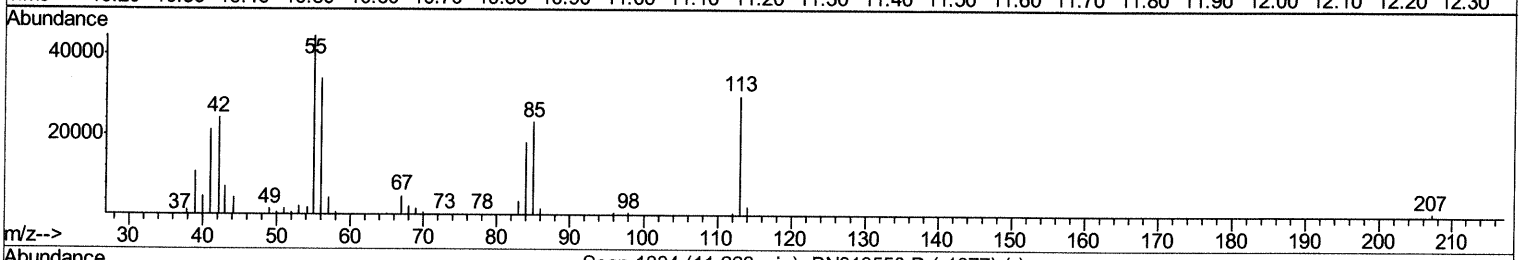

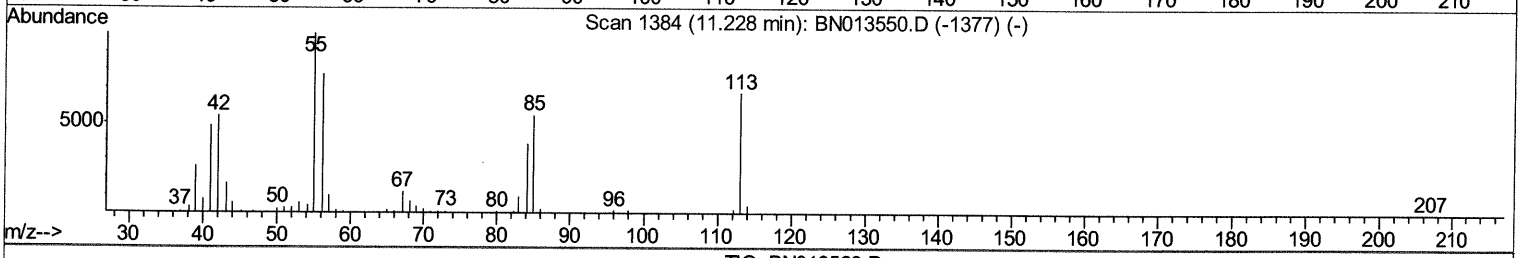

TIC: BN013563.D

(32) Caprolactam

11.228min (-0.000) 18.01ng/ul m 02/04/21 JU

response 97048

Ion	Exp%	Act%
113.00	100	100
55.00	159.50	149.85
56.00	119.50	114.17
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	7.56	152	315243	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1273519	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	751457	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	1535935	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1528624	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	1556297	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	56248	7.66	ng/uL	0.00
5) Phenol-d5	6.73	99	453844	19.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	263396	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	392664	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	355306	19.06	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	171456	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	174087	19.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	351047	19.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	482839	22.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	983508	19.54	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	1327326	20.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	188048	19.26	ng/ul	0.00
58) Fluorene-d10	15.19	176	869293	19.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	139299	16.96	ng/ul	0.00
71) Anthracene-d10	17.04	188	1347780	20.24	ng/ul	0.00
79) Pyrene-d10	19.35	212	1421910	19.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1494491	19.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	57419	7.735	ng/uL	98
4) Benzaldehyde	6.71	77	275501	23.141	ng/ul	97
6) Phenol	6.76	94	492111	19.801	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.99	93	378862	19.527	ng/ul	99
10) 2-Chlorophenol	7.13	128	407410	19.650	ng/ul	97
11) 2-Methylphenol	7.99	108	356369	19.268	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.08	45	547363	19.636	ng/ul	99
14) Acetophenone	8.36	105	584083	19.813	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.36	70	260307	19.060	ng/ul	100
16) 4-Methylphenol	8.32	108	393902	19.445	ng/ul	100
17) Hexachloroethane	8.62	117	157432	19.308	ng/ul	96
20) Nitrobenzene	8.74	77	403724	20.075	ng/ul	99
21) Isophorone	9.26	82	691790	19.605	ng/ul	99
23) 2-Nitrophenol	9.45	139	207760	20.281	ng/ul	99
24) 2,4-Dimethylphenol	9.51	107	423739	20.179	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.75	93	483574	19.455	ng/ul	100
27) 2,4-Dichlorophenol	9.97	162	366708	20.324	ng/ul	97
28) Naphthalene	10.37	128	1303642	19.952	ng/ul	99
30) 4-Chloroaniline	10.48	127	499544	23.046	ng/ul	97
31) Hexachlorobutadiene	10.66	225	218414	19.716	ng/ul	98
32) Caprolactam	11.23	113	97048m>	18.012	ng/ul>	02/04/21JJ
33) 4-Chloro-3-methylphenol	11.61	107	365898	19.887	ng/ul	98
34) 2-Methylnaphthalene	11.99	142	895564	19.618	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.21	142	877530	19.905 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.36	216	424613	20.105 ng/ul	99
38) Hexachlorocyclopentadiene	12.35	237	234940	18.164 ng/ul	96
39) 2,4,6-Trichlorophenol	12.61	196	261267	20.417 ng/ul	95
40) 2,4,5-Trichlorophenol	12.67	196	286348	19.900 ng/ul	93
41) 1,1'-Biphenyl	13.02	154	1134809	19.956 ng/ul	95
42) 2-Chloronaphthalene	13.06	162	879704	19.985 ng/ul	99
43) 2-Nitroaniline	13.26	65	207043	19.956 ng/ul	100
45) Dimethylphthalate	13.66	163	1026768	19.623 ng/ul	99
46) 2,6-Dinitrotoluene	13.77	165	196859	19.785 ng/ul	97
48) Acenaphthylene	13.91	152	1290600	19.929 ng/ul	99
49) 3-Nitroaniline	14.10	138	208478	20.807 ng/ul	99
50) Acenaphthene	14.26	153	935003	19.955 ng/ul	99
51) 2,4-Dinitrophenol	14.30	184	87755	15.498 ng/ul	99
53) 4-Nitrophenol	14.41	109	140329	19.573 ng/ul	99
54) Dibenzofuran	14.59	168	1281348	19.685 ng/ul	98
55) 2,4-Dinitrotoluene	14.56	165	289665	19.796 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.82	232	229091	20.269 ng/ul	96
57) Diethylphthalate	15.03	149	1005342	19.545 ng/ul	98
59) Fluorene	15.25	166	1051729	20.178 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.25	204	495342	19.960 ng/ul	94
61) 4-Nitroaniline	15.26	138	229273	20.395 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.33	198	153524	18.078 ng/ul	96
65) N-Nitrosodiphenylamine	15.46	169	889151	20.047 ng/ul	99
66) 4-Bromophenyl-phenylether	16.15	248	285647	19.330 ng/ul	98
67) Hexachlorobenzene	16.25	284	328496	19.394 ng/ul	95
68) Atrazine	16.42	200	284799	18.982 ng/ul	99
69) Pentachlorophenol	16.59	266	171539	17.895 ng/ul	97
70) Phenanthrene	16.99	178	1645652	19.962 ng/ul	99
72) Anthracene	17.07	178	1696553	20.338 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.98	216	433436	20.304 ng/uL	99
74) Pentachlorobenzene	14.52	250	407501	19.672 ng/uL	95
75) Carbazole	17.35	167	1473880	20.288 ng/ul	99
76) Di-n-butylphthalate	17.93	149	1576193	19.336 ng/ul	100
77) Fluoranthene	19.01	202	1830267	20.924 ng/ul	99
80) Pyrene	19.37	202	1924341	19.995 ng/ul	99
81) Butylbenzylphthalate	20.30	149	658930	19.275 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.07	252	555990	20.374 ng/ul	96
83) Benzo(a)anthracene	21.13	228	1846165	20.100 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	1059527	19.814 ng/ul	99
85) Chrysene	21.18	228	1768128	19.428 ng/ul	98
87) Di-n-octyl phthalate	21.94	149	1743381	19.119 ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	1828534	19.459 ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	1866058	20.424 ng/ul	99
91) Benzo(a)pyrene	23.22	252	1657218	20.097 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.47	276	2131281	20.160 ng/ul	99
93) Dibenzo(a,h)anthracene	25.48	278	1812227	20.355 ng/ul	97
94) Benzo(g,h,i)perylene	26.12	276	1761266	19.797 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed