Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100520\
Data File : BN012091.D
Acq On : 06 Oct 2020 16:17
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 06 17:00:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 16:22:43 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02063

Manual Integrations APPROVED
mohammad
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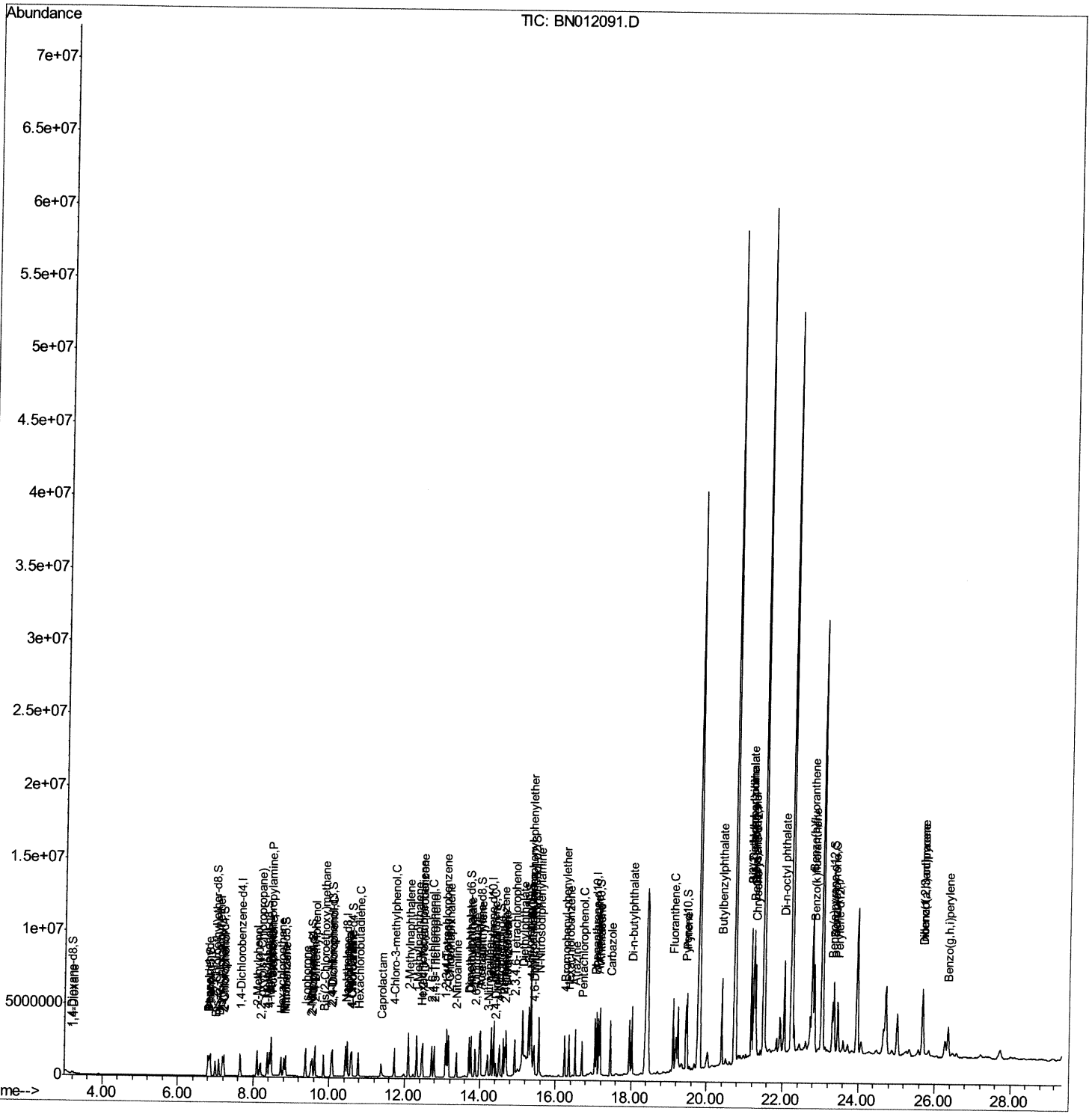

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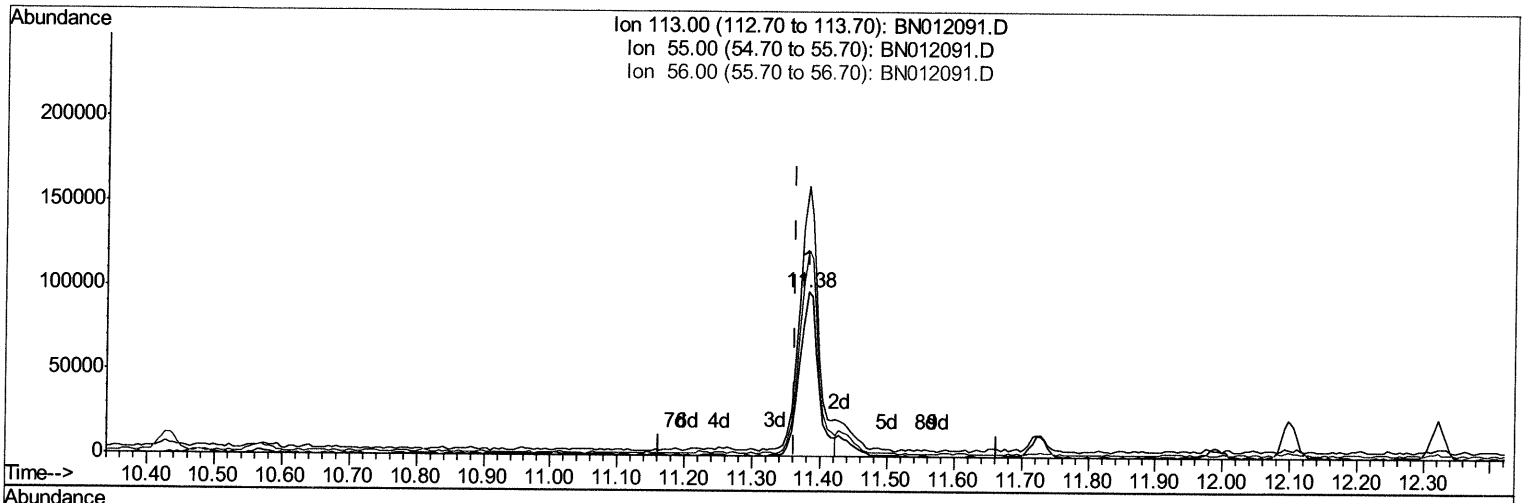

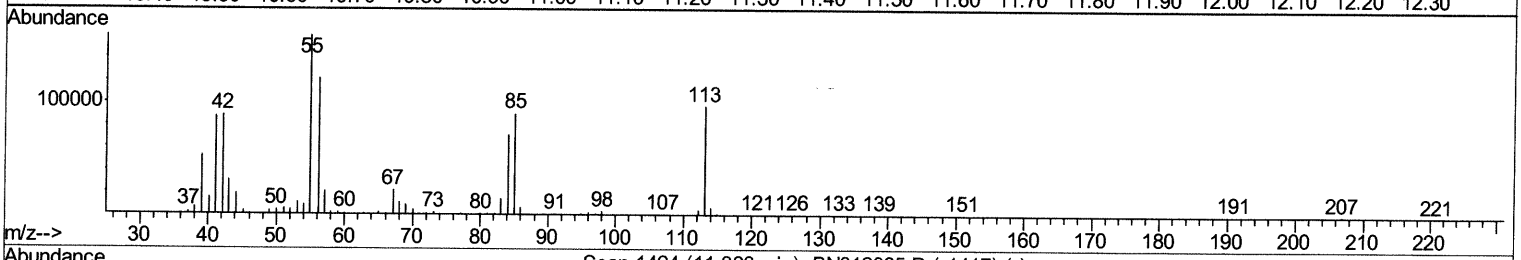

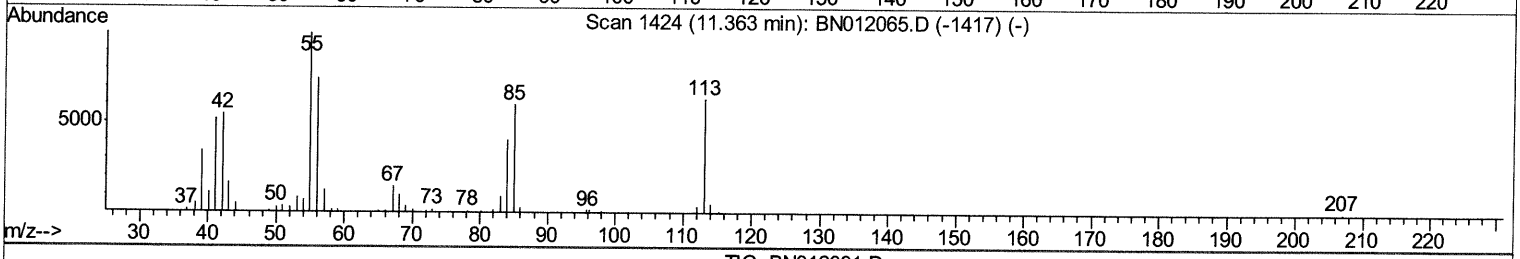

TIC: BN012091.D

(32) Caprolactam

11.381min (+0.018) 24.22ng/ul

response 188624

Ion	Exp%	Act%
113.00	100	100
55.00	157.00	164.27
56.00	122.90	125.13
0.00	0.00	0.00

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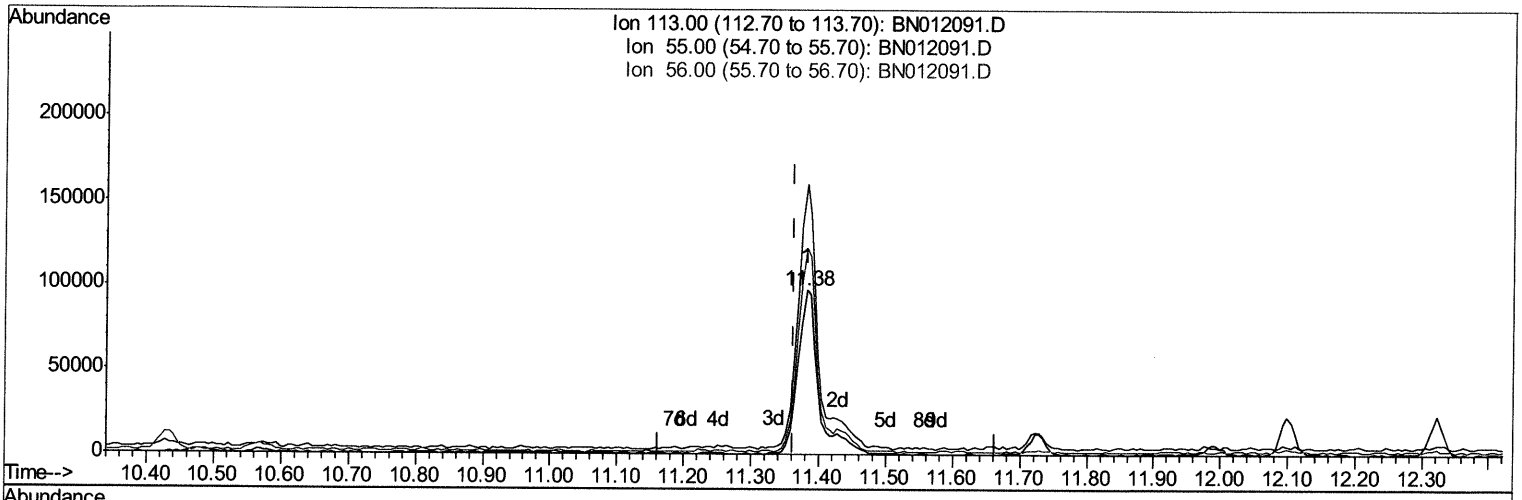

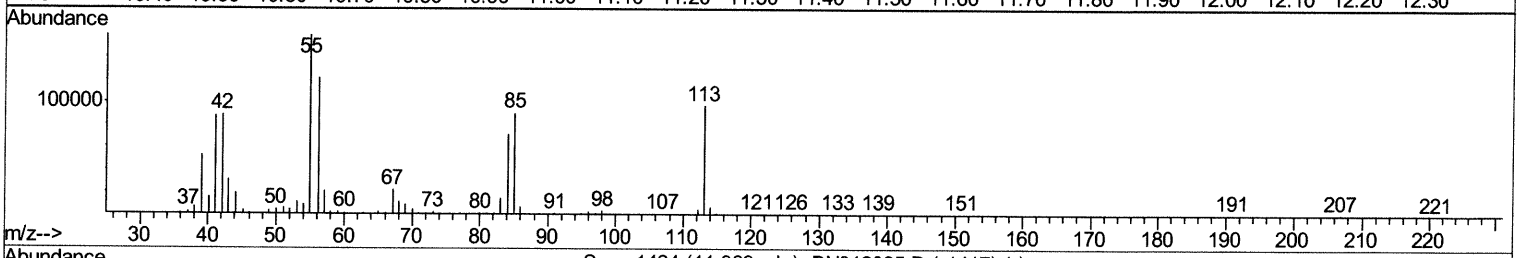

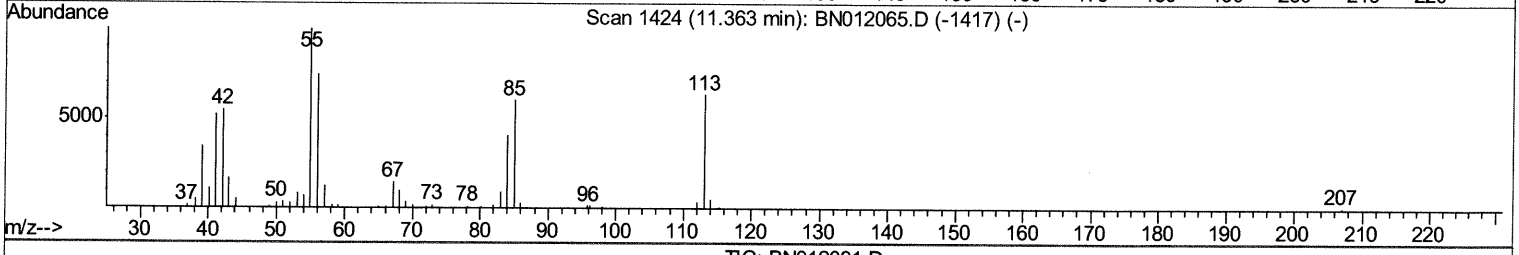

TIC: BN012091.D

(32) Caprolactam

11.381min (+0.018) 26.79ng/ul m 10/08/20 JU

response 208650

Ion	Exp%	Act%
113.00	100	100
55.00	157.00	164.27
56.00	122.90	125.13
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	7.65	152	392716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1693377	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	1075353	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2224701	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	2148150	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2281222	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	74809	8.29	ng/uL	0.00
5) Phenol-d5	6.83	99	689519	21.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	417351	20.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	537415	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	570613	22.12	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	277520	20.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	319097	21.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	572152	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	702448	21.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1654659	19.62	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	2006571	19.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	321958	20.73	ng/ul	0.01
58) Fluorene-d10	15.30	176	1327577	18.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	240866	16.96	ng/ul	0.00
71) Anthracene-d10	17.15	188	2074349	19.23	ng/ul	0.00
79) Pyrene-d10	19.45	212	2086963	18.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	2297139	17.94	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	78172	6.899	ng/uL#	93
4) Benzaldehyde	6.80	77	443261	23.493	ng/ul	93
6) Phenol	6.86	94	747296	21.919	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.09	93	573823	20.716	ng/ul	99
10) 2-Chlorophenol	7.22	128	572524	20.885	ng/ul	99
11) 2-Methylphenol	8.10	108	555894	21.951	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	752078	21.054	ng/ul	98
14) Acetophenone	8.47	105	914016	22.228	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	488094	23.654	ng/ul	97
16) 4-Methylphenol	8.42	108	595306	21.923	ng/ul	88
17) Hexachloroethane	8.72	117	240314	19.267	ng/ul	90
20) Nitrobenzene	8.85	77	694580	18.689	ng/ul	95
21) Isophorone	9.37	82	1332546	21.391	ng/ul	99
23) 2-Nitrophenol	9.55	139	341193	21.212	ng/ul	93
24) 2,4-Dimethylphenol	9.62	107	695152	19.917	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.85	93	793399	20.295	ng/ul	96
27) 2,4-Dichlorophenol	10.09	162	555369	19.665	ng/ul	96
28) Naphthalene	10.48	128	1826023	18.841	ng/ul	99
30) 4-Chloroaniline	10.59	127	729757	22.039	ng/ul	100
31) Hexachlorobutadiene	10.77	225	335597	17.552	ng/ul	97
32) Caprolactam	11.38	113	208650m >	26.793	ng/ul >	10/08/20 JU
33) 4-Chloro-3-methylphenol	11.73	107	669848	21.826	ng/ul	96
34) 2-Methylnaphthalene	12.10	142	1336332	20.063	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	1245742	18.926	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	646770	18.566	ng/ul	96
38) Hexachlorocyclopentadiene	12.45	237	404156	16.408	ng/ul	92
39) 2,4,6-Trichlorophenol	12.72	196	453917	20.783	ng/ul	93
40) 2,4,5-Trichlorophenol	12.79	196	497747	21.126	ng/ul	98
41) 1,1'-Biphenyl	13.13	154	1698311	19.066	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	1321526	18.629	ng/ul	98
43) 2-Nitroaniline	13.37	65	455784	22.420	ng/ul	91
45) Dimethylphthalate	13.76	163	1688006	19.420	ng/ul	100
46) 2,6-Dinitrotoluene	13.88	165	371954	21.923	ng/ul	89
48) Acenaphthylene	14.02	152	2045803	19.337	ng/ul	98
49) 3-Nitroaniline	14.20	138	327031	21.125	ng/ul#	89
50) Acenaphthene	14.36	153	1424266	18.732	ng/ul	99
51) 2,4-Dinitrophenol	14.42	184	170438	16.478	ng/ul	86
53) 4-Nitrophenol	14.52	109	277367	19.165	ng/ul	87
54) Dibenzofuran	14.70	168	1958409	18.879	ng/ul	99
55) 2,4-Dinitrotoluene	14.67	165	521922	21.192	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.93	232	417969	21.253	ng/ul	97
57) Diethylphthalate	15.13	149	1716697	19.190	ng/ul	98
59) Fluorene	15.35	166	1606281	18.471	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.35	204	734135	17.296	ng/ul	98
61) 4-Nitroaniline	15.37	138	290416	17.361	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.43	198	243429	15.763	ng/ul	97
65) N-Nitrosodiphenylamine	15.56	169	1371400	19.328	ng/ul	96
66) 4-Bromophenyl-phenylether	16.24	248	485548	19.083	ng/ul	95
67) Hexachlorobenzene	16.36	284	555613	18.714	ng/ul	92
68) Atrazine	16.52	200	526948	20.298	ng/ul	97
69) Pentachlorophenol	16.70	266	378754	21.518	ng/ul	96
70) Phenanthrene	17.09	178	2518343	18.581	ng/ul	98
72) Anthracene	17.18	178	2561783	18.719	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	634088	19.607	ng/uL	96
74) Pentachlorobenzene	14.62	250	618090	18.633	ng/uL	94
75) Carbazole	17.45	167	2256595	18.990	ng/ul	99
76) Di-n-butylphthalate	18.02	149	3064654	20.310	ng/ul	100
77) Fluoranthene	19.12	202	2870292	18.855	ng/ul	99
80) Pyrene	19.48	202	2898878	18.708	ng/ul	99
81) Butylbenzylphthalate	20.39	149	1385666	21.752	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.17	252	618787	12.382	ng/ul	98
83) Benzo(a)anthracene	21.24	228	2815269	19.454	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	2074859	21.223	ng/ul	97
85) Chrysene	21.29	228	2587470	18.187	ng/ul	98
87) Di-n-octyl phthalate	22.05	149	3678011	21.708	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	2771011	17.340	ng/ul	97
89) Benzo(k)fluoranthene	22.85	252	2815348	17.885	ng/ul	98
91) Benzo(a)pyrene	23.37	252	2513192	17.336	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.68	276	3011122	16.267	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	2579968	16.918	ng/ul	97
94) Benzo(g,h,i)perylene	26.35	276	2388659	15.152	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