

(QT Reviewed)

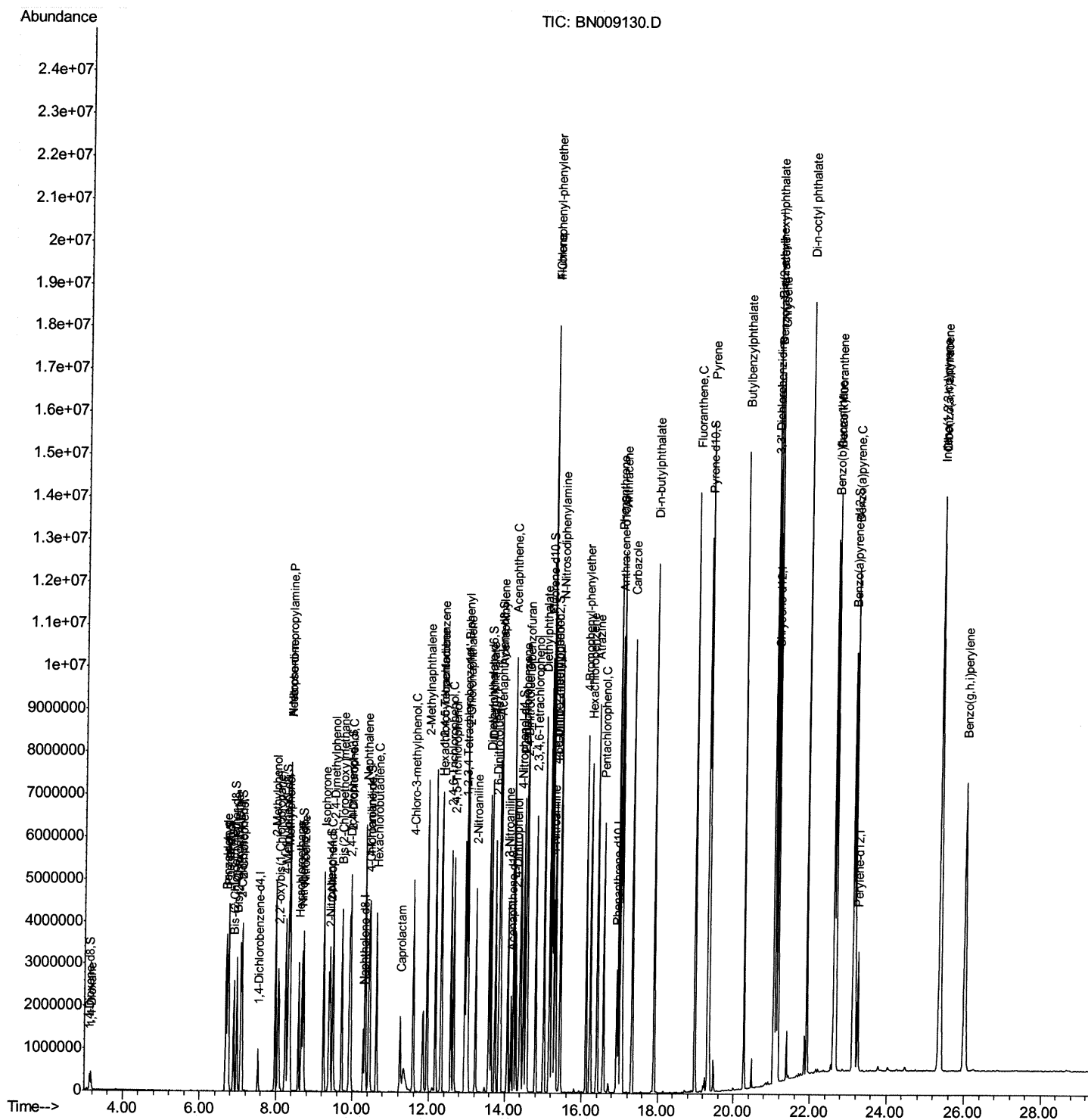
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Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122419\  
Data File : BN009130.D  
Acq On    : 24 Dec 2019 17:58  
Operator  : JU  
Sample    : SSTD08055  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
SSTD08055

Manual Integrations
APPROVED

mohammad
12/26/2019 4:04:18 PM

Quant Time: Dec 24 18:31:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 17:18:49 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

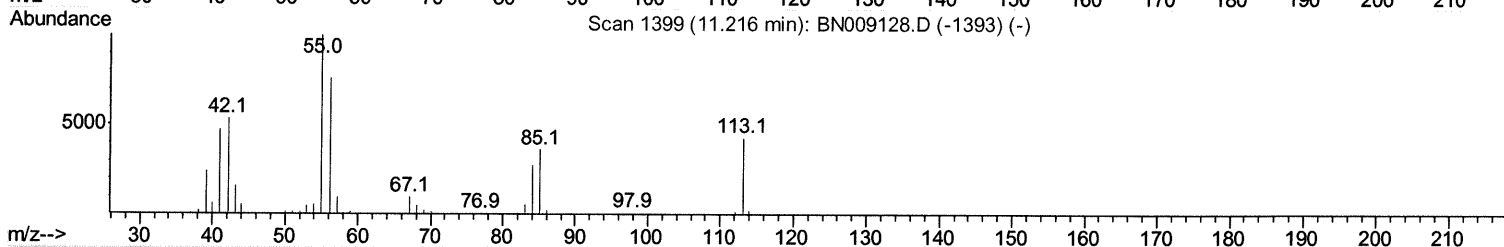
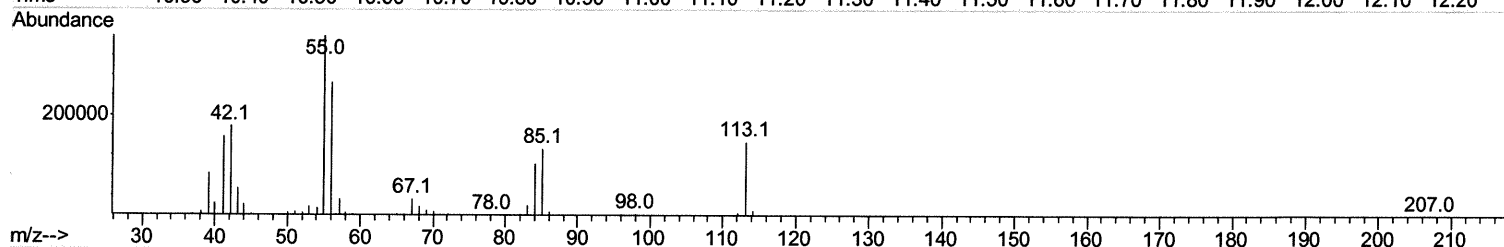
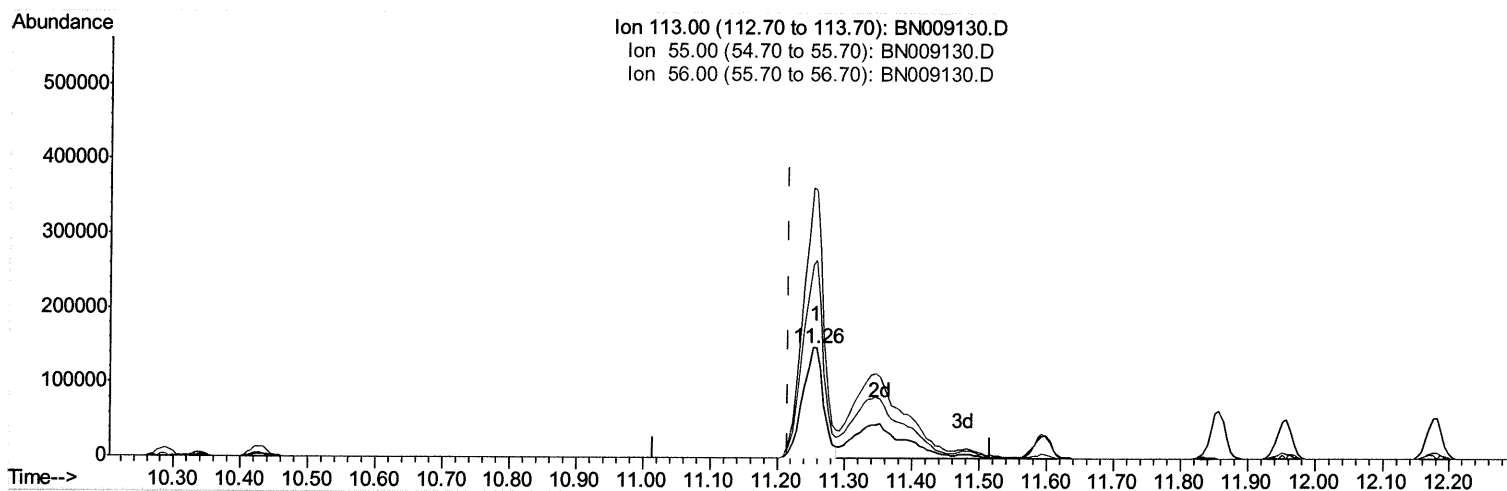
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Quant Time: Dec 24 18:29:22 2019
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BN009130.D

(32) Caprolactam

11.257min (+0.041) 43.02ng/ul

response 319336

Ion	Exp%	Act%
113.00	100	100
55.00	235.10	242.29
56.00	179.20	179.52
0.00	0.00	0.00

Quantitation Report (Qedit)

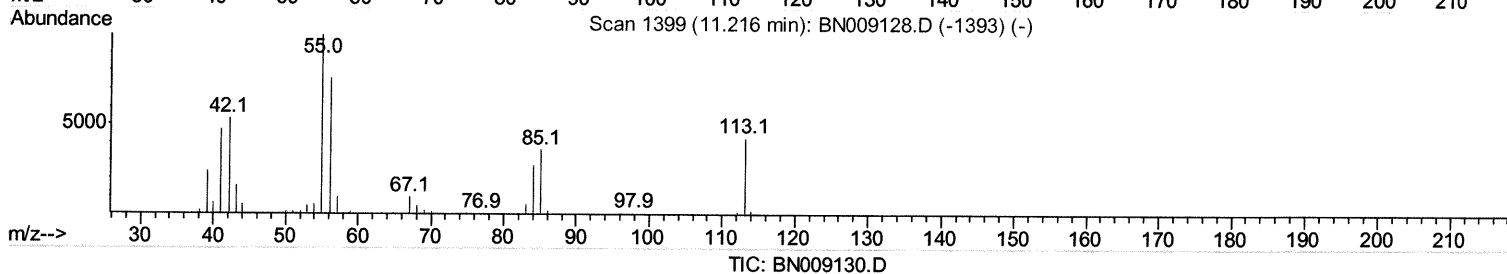
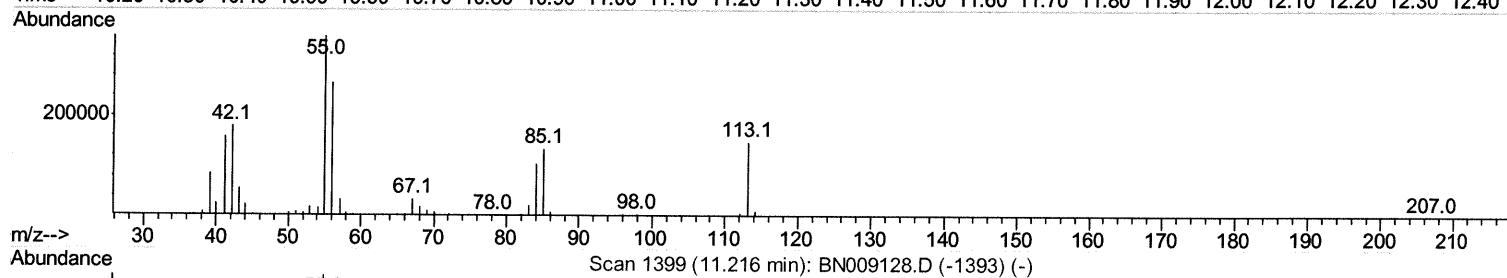
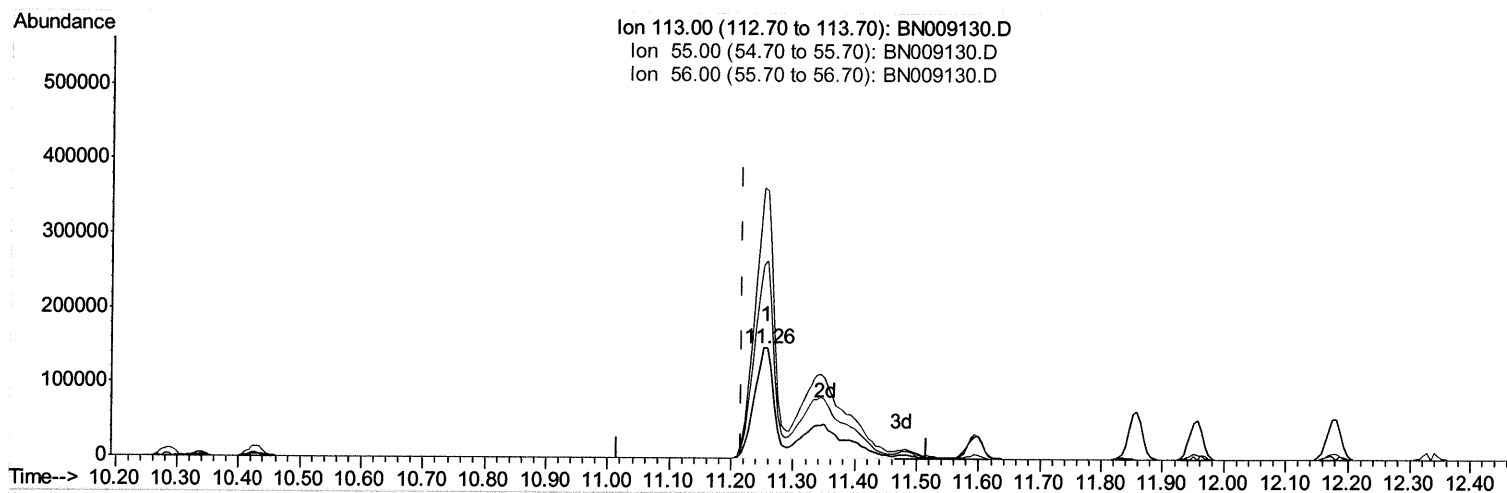
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122419\
 Data File : BN009130.D
 Acq On : 24 Dec 2019 17:58
 Operator : JU
 Sample : SST08055
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST08055

Manual Integrations
 APPROVED

mohammad
 12/26/2019 4:04:18 PM

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(32) Caprolactam

11.257min (+0.041) 76.21ng/ul m JU 12/26/19

response 565709

Ion	Exp%	Act%
113.00	100	100
55.00	235.10	242.29
56.00	179.20	179.52
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122419\
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 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 24 18:31:18 2019

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Quant Title : SVOA CALIBRATION

QLast Update : Tue Dec 24 17:18:49 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	234270	20.00	nq/ul	0.00
18) Naphthalene-d8	10.29	136	1088258	20.00	nq/ul	0.00
35) Acenaphthene-d10	14.16	164	743736	20.00	nq/ul	0.00
61) Phenanthrene-d10	16.91	188	1668461	20.00	nq/ul	0.00
77) Chrysene-d12	21.12	240	1549736	20.00	nq/ul	0.00
85) Perylene-d12	23.26	264	1751799	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	163591	30.54	nq/uL	0.00
5) Phenol-d5	6.72	99	1909527	79.45	nq/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	1189010	80.21	nq/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	1394750	83.20	nq/ul	0.00
13) 4-Methylphenol-d8	8.25	113	1522054	79.96	nq/ul	0.01
19) Nitrobenzene-d5	8.68	128	715761	85.24	nq/ul	0.01
22) 2-Nitrophenol-d4	9.38	143	819183	90.34	nq/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	1497673	82.93	nq/ul	0.01
29) 4-Chloroaniline-d4	10.43	131	1718676	74.88	nq/ul	0.00
43) Dimethylphthalate-d6	13.59	166	4619152	77.96	nq/ul	0.00
46) Acenaphthylene-d8	13.85	160	5425654	82.88	nq/ul	0.00
51) 4-Nitrophenol-d4	14.40	143	954923	79.47	nq/ul	0.02
57) Fluorene-d10	15.16	176	4013069	80.15	nq/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.30	200	899189	93.28	nq/ul	0.02
70) Anthracene-d10	17.01	188	6126416	77.56	nq/ul	0.00
78) Pyrene-d10	19.32	212	6756260	78.15	nq/ul	0.00
89) Benzo(a)pyrene-d12	23.13	264	7375632	80.69	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.16	88	170919	29.179	nq/uL 92
4) Benzaldehyde	6.69	77	1197081	93.949	nq/ul 98
6) Phenol	6.75	94	1950507	78.232	nq/ul 99
8) Bis(2-Chloroethyl)ether	6.97	93	1486575	80.873	nq/ul 98
10) 2-Chlorophenol	7.10	128	1411209	82.100	nq/ul 98
11) 2-Methylphenol	7.98	108	1461617	78.919	nq/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.06	45	3090733	86.542	nq/ul 98
14) Acetophenone	8.35	105	2265218	75.716	nq/ul 99
15) N-Nitroso-di-n-propylamine	8.35	70	1275668	79.290	nq/ul 95
16) 4-Methylphenol	8.31	108	1608812	77.619	nq/ul 94
17) Hexachloroethane	8.59	117	575750	86.433	nq/ul 97
20) Nitrobenzene	8.72	77	1864743	84.967	nq/ul 98
21) Isophorone	9.25	82	3645868	82.121	nq/ul 100
23) 2-Nitrophenol	9.42	139	852224	86.990	nq/ul 97
24) 2,4-Dimethylphenol	9.49	107	1768233	79.642	nq/ul 98
25) Bis(2-Chloroethoxy)methane	9.72	93	2161216	80.184	nq/ul 99
27) 2,4-Dichlorophenol	9.95	162	1442655	81.442	nq/ul 98
28) Naphthalene	10.33	128	4681468	79.906	nq/ul 99
30) 4-Chloroaniline	10.45	127	1715096	73.682	nq/ul 100
31) Hexachlorobutadiene	10.63	225	859001	86.947	nq/ul 90
32) Caprolactam	11.26	113	565709m	76.212	nq/ul > 90
33) 4-Chloro-3-methylphenol	11.59	107	1799193	79.698	nq/ul 99
34) 2-Methylnaphthalene	11.96	142	3380945	76.379	ng/ul 92

JU 12/26/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.33	216	1745843	86.253	nq/ul	98
37) Hexachlorocyclopentadiene	12.32	237	1151734	102.618	nq/ul	98
38) 2,4,6-Trichlorophenol	12.58	196	1243228	89.399	nq/ul	97
39) 2,4,5-Trichlorophenol	12.66	196	1295390	84.399	nq/ul	96
40) 1,1'-Biphenyl	12.99	154	4481522	80.630	nq/ul	99
41) 2-Chloronaphthalene	13.03	162	3491571	82.019	nq/ul	98
42) 2-Nitroaniline	13.24	65	1420976	89.590	nq/ul	97
44) Dimethylphthalate	13.64	163	4600561	79.514	nq/ul	100
45) 2,6-Dinitrotoluene	13.75	165	1056341	94.762	nq/ul	94
47) Acenaphthylene	13.88	152	5696423	84.398	nq/ul	98
48) 3-Nitroaniline	14.07	138	946165	77.674	nq/ul	96
49) Acenaphthene	14.23	153	3840236	81.291	nq/ul	99
50) 2,4-Dinitrophenol	14.29	184	673896	97.688	nq/ul	98
52) 4-Nitrophenol	14.41	109	746039	80.376	nq/ul	100
53) Dibenzofuran	14.57	168	5263982	76.345	nq/ul	99
54) 2,4-Dinitrotoluene	14.55	165	1491956	88.062	nq/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.80	232	1171831	85.927	nq/ul	97
56) Diethylphthalate	15.02	149	4842925	82.149	nq/ul	100
58) Fluorene	15.22	166	4357683	78.461	nq/ul	99
59) 4-Chlorophenyl-phenylether	15.22	204	2151067	79.782	nq/ul	99
60) 4-Nitroaniline	15.26	138	1131966	77.378	nq/ul	92
63) 4,6-Dinitro-2-methylphenol	15.32	198	953407	91.992	nq/ul#	94
64) N-Nitrosodiphenylamine	15.44	169	3813640	77.725	nq/ul	99
65) 4-Bromophenyl-phenylether	16.12	248	1393097	84.127	nq/ul	97
66) Hexachlorobenzene	16.23	284	1517461	85.540	nq/ul	99
67) Atrazine	16.40	200	1524163	86.346	nq/ul	98
68) Pentachlorophenol	16.57	266	1004113	85.964	nq/ul	96
69) Phenanthrene	16.96	178	7227349	78.907	nq/ul	99
71) Anthracene	17.05	178	7357921	79.021	nq/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.95	216	1772899	87.702	nq/uL	96
73) Pentachlorobenzene	14.49	250	1719723	82.459	nq/uL	92
74) Carbazole	17.32	167	6618979	80.169	nq/ul	99
75) Di-n-butylphthalate	17.90	149	8612534	86.709	nq/ul	100
76) Fluoranthene	18.97	202	8604336	85.895	nq/ul	98
79) Pvrene	19.35	202	8624041	79.445	nq/ul	97
80) Butylbenzylphthalate	20.27	149	4134833	90.396	nq/ul	99
81) 3,3'-Dichlorobenzidine	21.05	252	3027043	80.772	nq/ul	95
82) Benzo(a)anthracene	21.10	228	8365471	76.966	nq/ul	95
83) Bis(2-ethylhexyl)phthalate	21.06	149	6063465	88.864	nq/ul	98
84) Chrysene	21.16	228	7944510	78.156	nq/ul	96
86) Di-n-octyl phthalate	21.92	149	10276529	102.707	nq/ul	100
87) Benzo(b)fluoranthene	22.63	252	8921327	82.011	nq/ul	99
88) Benzo(k)fluoranthene	22.68	252	8680884	84.532	nq/ul	97
90) Benzo(a)pyrene	23.18	252	8229596	79.097	nq/ul	98
91) Indeno(1,2,3-cd)pyrene	25.38	276	9759051	80.581	nq/ul	97
92) Dibenzo(a,h)anthracene	25.39	278	8169437	79.989	nq/ul	97
93) Benzo(g,h,i)perylene	26.02	276	8274291	80.442	nq/ul	98

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