Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015959.D
Acq On : 19 Aug 2021 05:42
Operator : CG/JU
Sample : PB138537BS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Quant Time: Aug 19 06:57:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 17 09:43:53 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS537

Manual Integrations APPROVED
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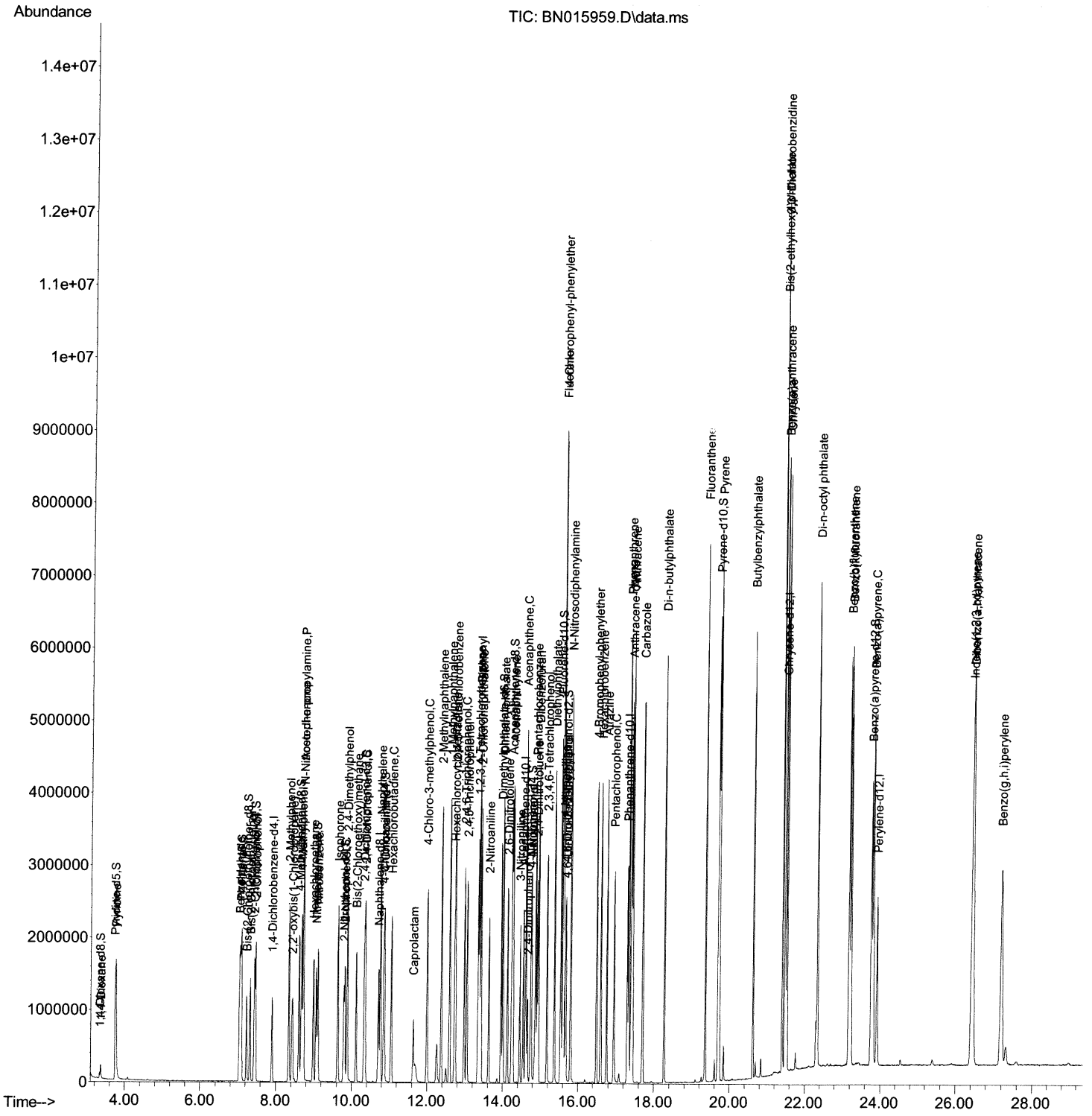

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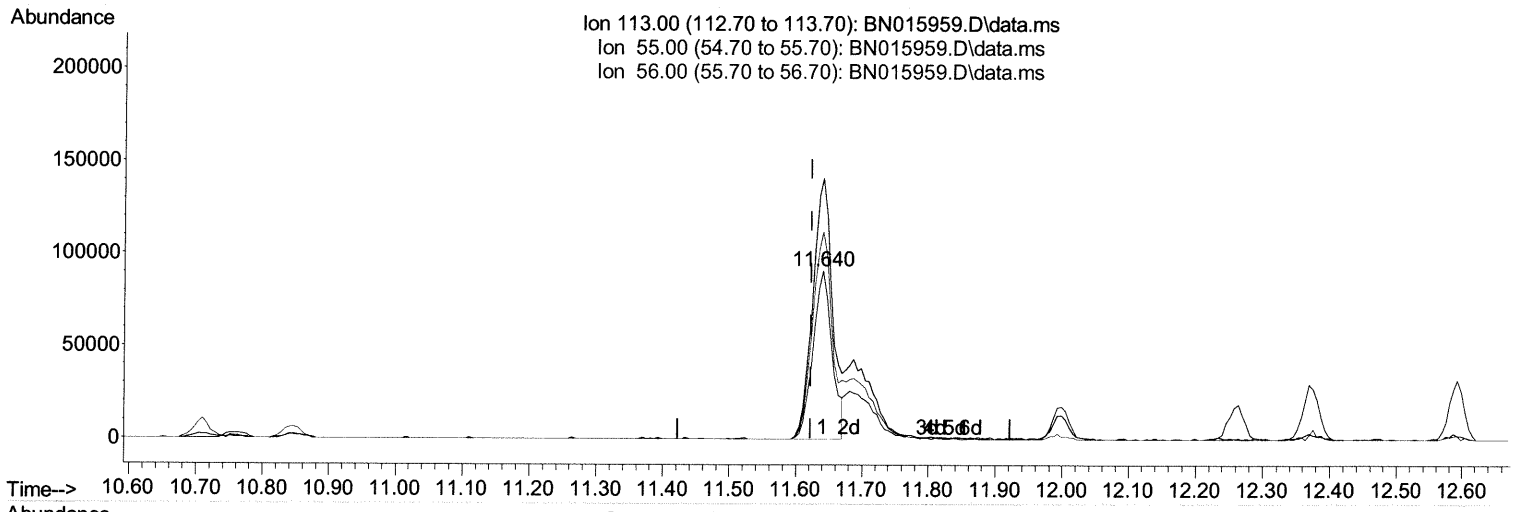

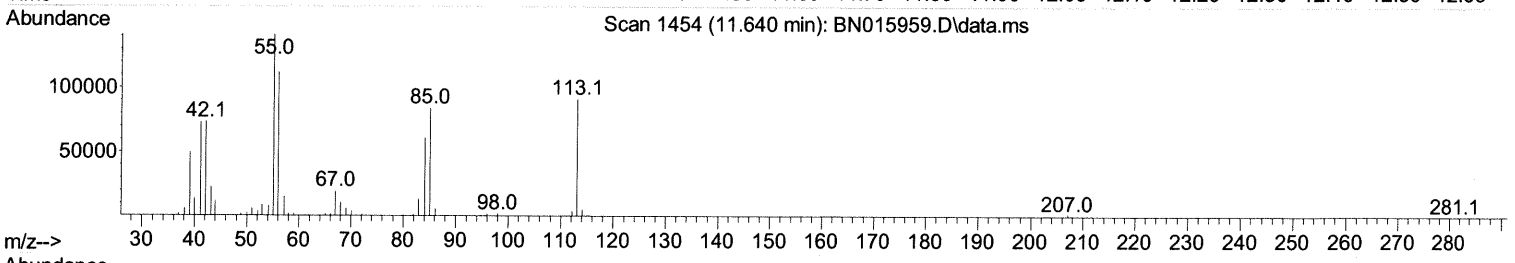

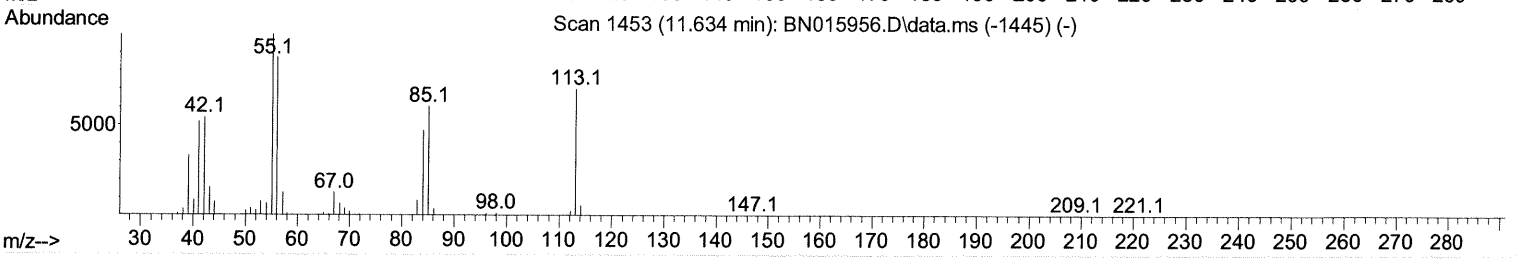

TIC: BN015959.D\data.ms

(34) Caprolactam

11.640min (+ 0.018) 31.05 ng/ul

response 183167

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	154.88
56.00	127.80	123.34
0.00	0.00	0.00

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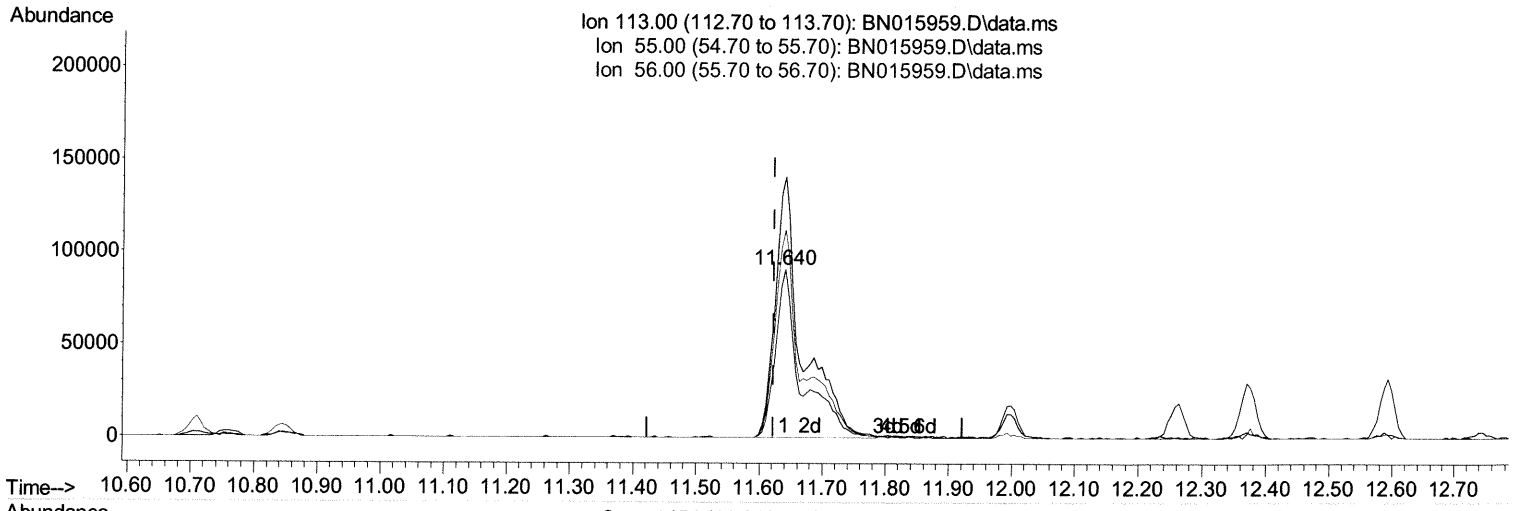

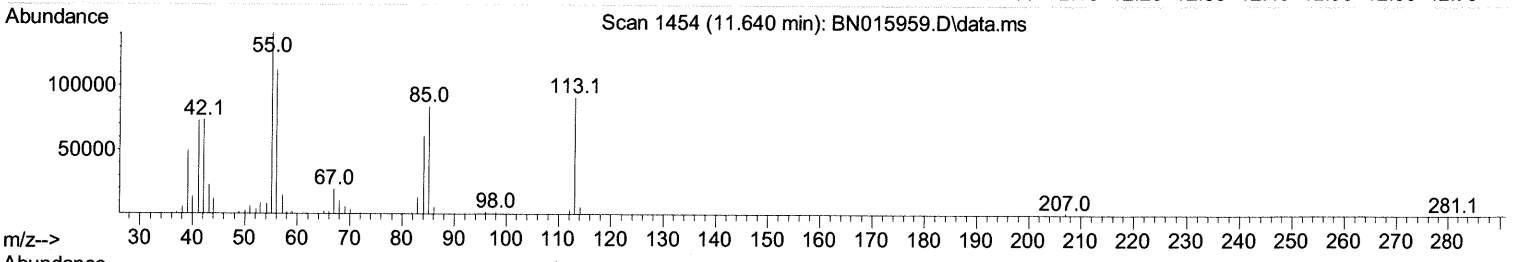

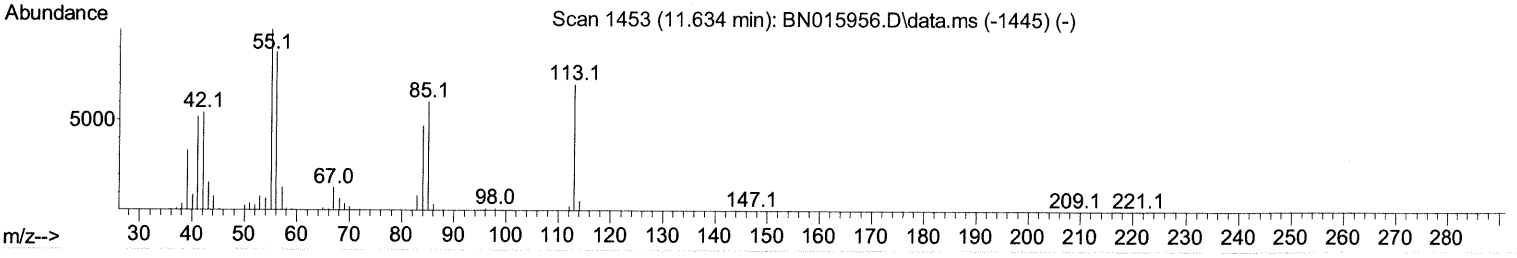

TIC: BN015959.D\data.ms

(34) Caprolactam

11.640min (+ 0.018) 44.09 ng/ul m 08/20/21 JU

response 260066

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	154.88
56.00	127.80	123.34
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	302503	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1280939	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	845636	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1770353	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1722407	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1710024	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	45485	5.857	ng/uL	0.00
4) Pyridine-d5	3.740	84	690754	31.826	ng/ul	0.00
7) Phenol-d5	7.064	99	962223	35.165	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	539415	32.017	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	728030	37.391	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	759041	35.665	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	359195	38.099	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	384095	43.530	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	734489	38.467	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	930080	32.001	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	2199259	35.487	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	2722628	35.079	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	394514	35.992	ng/ul	0.01
60) Fluorene-d10	15.540	176	1897162	35.094	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	339175	35.874	ng/ul	0.00
73) Anthracene-d10	17.398	188	2949999	35.552	ng/ul	0.00
81) Pyrene-d10	19.692	212	3305072	35.625	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	3170860	34.295	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	108212	13.555	ng/uL	92
5) Pyridine	3.764	79	752822	33.643	ng/ul	95
6) Benzaldehyde	7.034	77	595932	42.327	ng/ul	100
8) Phenol	7.087	94	1077334	38.622	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.322	93	789748	36.138	ng/ul	98
12) 2-Chlorophenol	7.463	128	786319	39.290	ng/ul	98
13) 2-Methylphenol	8.346	108	794783	38.897	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.434	45	972584	34.849	ng/ul	97
16) Acetophenone	8.722	105	1283475	37.371	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.716	70	669970	39.947	ng/ul	98
18) 4-Methylphenol	8.675	108	843989	38.593	ng/ul	88
19) Hexachloroethane	8.981	117	340960	37.516	ng/ul	90
22) Nitrobenzene	9.105	77	1013782	38.028	ng/ul	98
23) Isophorone	9.634	82	1816728	39.171	ng/ul	98
25) 2-Nitrophenol	9.816	139	449918	46.758	ng/ul	100
26) 2,4-Dimethylphenol	9.881	107	998233	38.840	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.122	93	1071528	37.614	ng/ul	98
29) 2,4-Dichlorophenol	10.357	162	784418	41.668	ng/ul	98
30) Naphthalene	10.757	128	2532632	36.916	ng/ul	100
32) 4-Chloroaniline	10.869	127	987640	34.419	ng/ul	97
33) Hexachlorobutadiene	11.052	225	536211	37.070	ng/ul	97
34) Caprolactam	11.640	113	260066m	44.091	ng/ul	98
35) 4-Chloro-3-methylphenol	11.999	107	937489	42.042	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.369	142	1824827	38.250 ng/ul	99
37) 1-Methylnaphthalene	12.593	142	1738099	36.602 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.740	216	983293	35.943 ng/ul	98
40) Hexachlorocyclopentadiene	12.722	237	551954	31.120 ng/ul	95
41) 2,4,6-Trichlorophenol	12.981	196	650051	43.457 ng/ul	98
42) 2,4,5-Trichlorophenol	13.051	196	719736	44.070 ng/ul	99
43) 1,1'-Biphenyl	13.381	154	2325235	35.560 ng/ul	99
44) 2-Chloronaphthalene	13.422	162	1838285	36.408 ng/ul	97
45) 2-Nitroaniline	13.628	65	629381	43.991 ng/ul	94
47) Dimethylphthalate	14.004	163	2338891	38.071 ng/ul	100
48) 2,6-Dinitrotoluene	14.128	165	490361	44.075 ng/ul#	84
50) Acenaphthylene	14.269	152	2783284	37.724 ng/ul	99
51) 3-Nitroaniline	14.451	138	471611	39.425 ng/ul	100
52) Acenaphthene	14.610	153	1979429	37.092 ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	219107	35.443 ng/ul	96
55) 4-Nitrophenol	14.763	109	416203	38.805 ng/ul	92
56) Dibenzofuran	14.945	168	2763579	37.457 ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	715426	44.645 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.175	232	608495	45.028 ng/ul	98
59) Diethylphthalate	15.369	149	2455366	39.969 ng/ul	100
61) Fluorene	15.598	166	2262052	37.572 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.592	204	1167996	37.203 ng/ul	98
63) 4-Nitroaniline	15.616	138	513839	44.830 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.675	198	356677	37.930 ng/ul	96
67) N-Nitrosodiphenylamine	15.804	169	2008902	38.877 ng/ul	99
68) 4-Bromophenyl-phenylether	16.487	248	754874	39.735 ng/ul	95
69) Hexachlorobenzene	16.604	284	850795	38.323 ng/ul	97
70) Atrazine	16.757	200	759339	40.514 ng/ul	99
71) Pentachlorophenol	16.945	266	494269	39.686 ng/ul	94
72) Phenanthrene	17.339	178	3676541	38.201 ng/ul	99
74) Anthracene	17.434	178	3738088	38.044 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.346	216	1004869	36.036 ng/uL	97
76) Pentachlorobenzene	14.869	250	990932	36.507 ng/uL	93
77) Carbazole	17.704	167	3319374	38.423 ng/ul	99
78) Di-n-butylphthalate	18.269	149	4160147	42.353 ng/ul	99
80) Fluoranthene	19.357	202	4322443	38.508 ng/ul	99
82) Pyrene	19.722	202	4452376	38.112 ng/ul	97
83) Butylbenzylphthalate	20.622	149	1802350	45.878 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.404	252	1312188	37.204 ng/ul	99
85) Benzo(a)anthracene	21.469	228	4342730	39.187 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	2711966	43.527 ng/ul	98
87) Chrysene	21.522	228	4093670	38.153 ng/ul	99
89) Di-n-octyl phthalate	22.333	149	4509033	41.662 ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	4498129	40.010 ng/ul	99
91) Benzo(k)fluoranthene	23.216	252	4044081	36.129 ng/ul	100
93) Benzo(a)pyrene	23.804	252	3866080	37.989 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.427	276	4803331	38.065 ng/ul	100
95) Dibenzo(a,h)anthracene	26.451	278	4073314	39.101 ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	3842124	36.825 ng/ul	98

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