Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015963.D
Acq On : 19 Aug 2021 08:07
Operator : CG/JU
Sample : M3399-23MS
Misc :
ALS Vial : 69 Sample Multiplier: 1

Quant Time: Aug 19 09:01:47 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 :
DBKD2MS

Manual Integrations APPROVED
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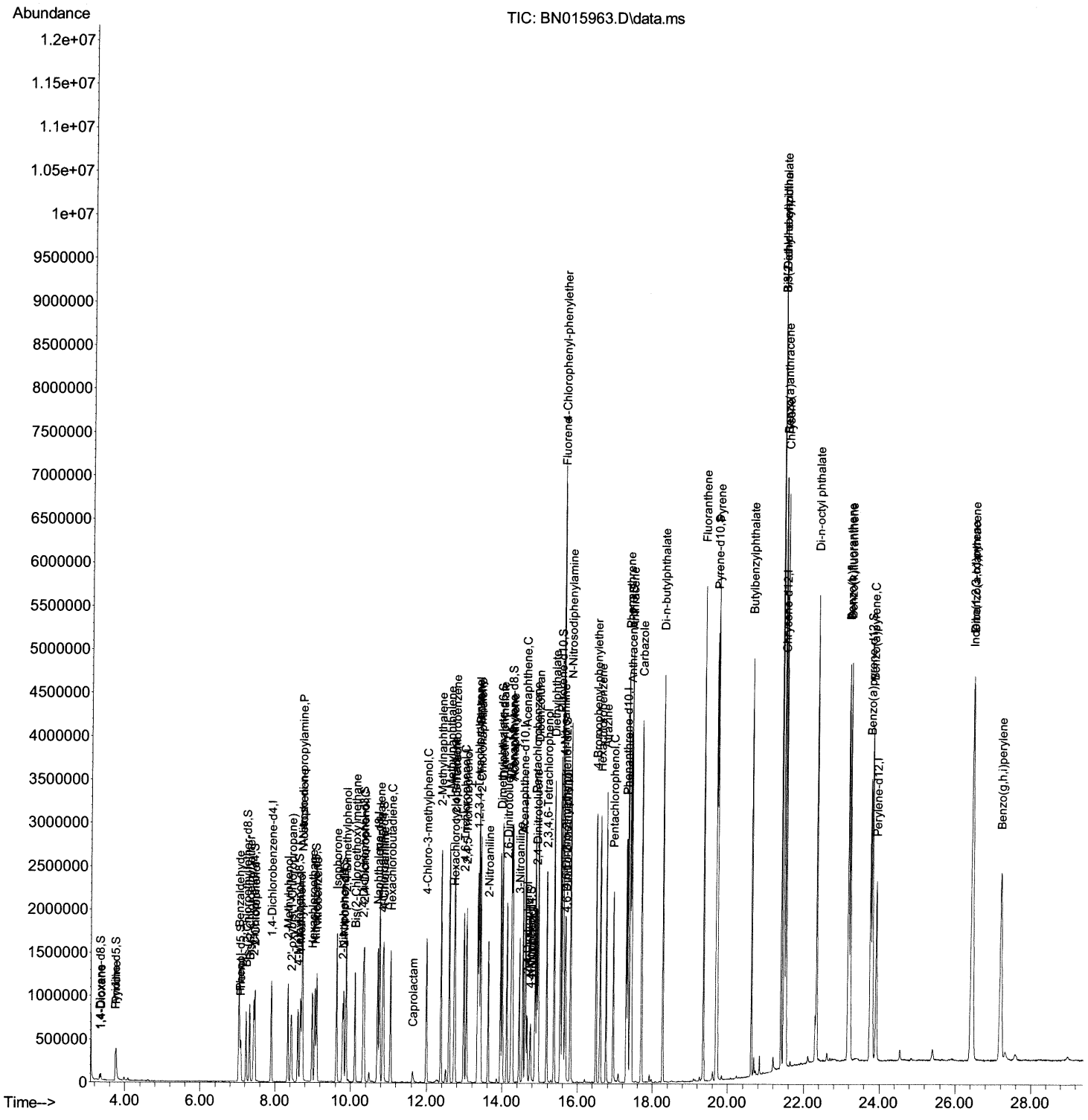

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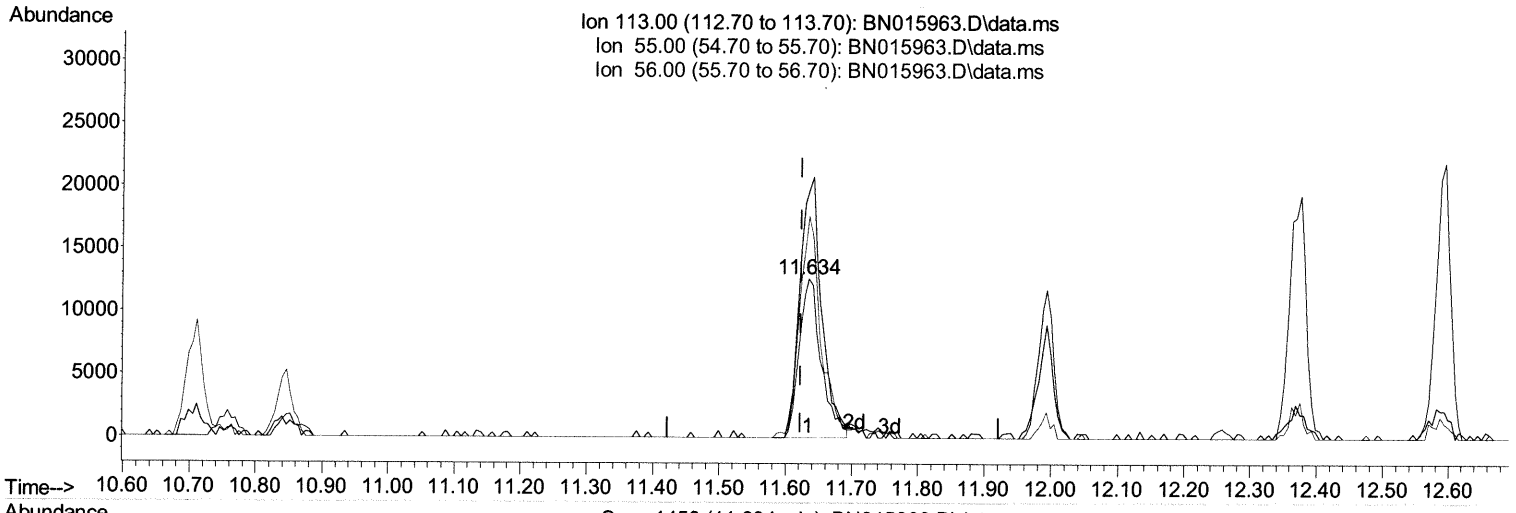

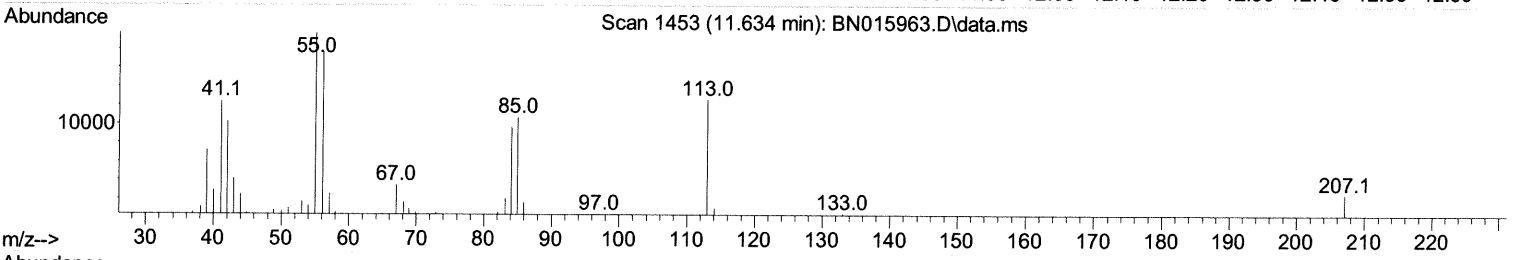

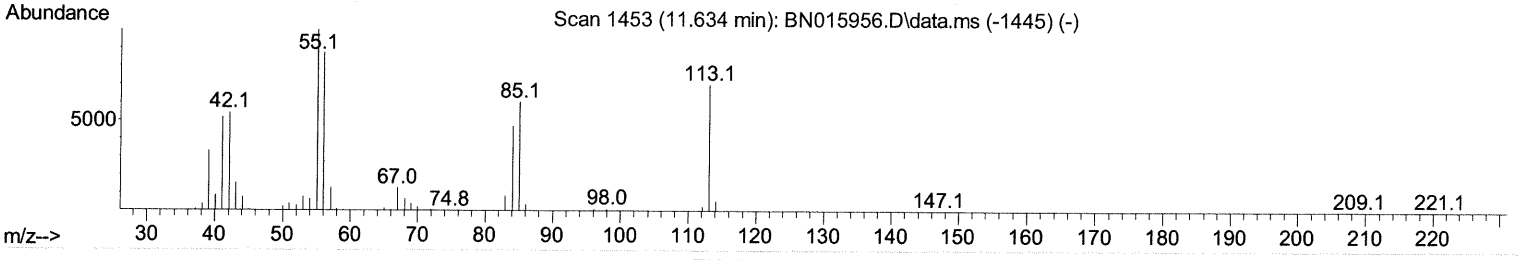

TIC: BN015963.D\data.ms

(34) Caprolactam

11.634min (+ 0.012) 5.00 ng/ul

response 29206

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	155.69
56.00	127.80	139.44
0.00	0.00	0.00

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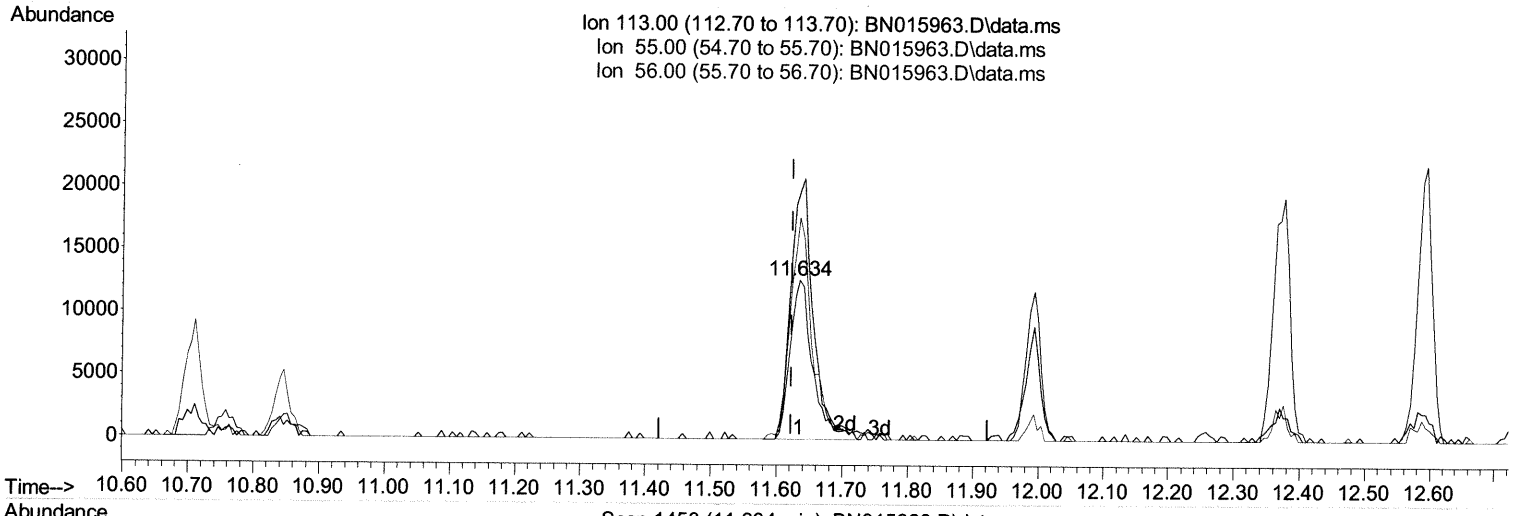

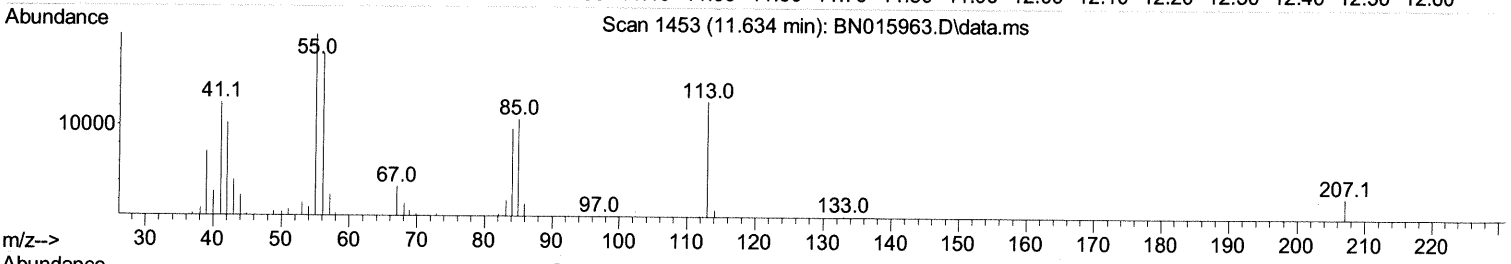

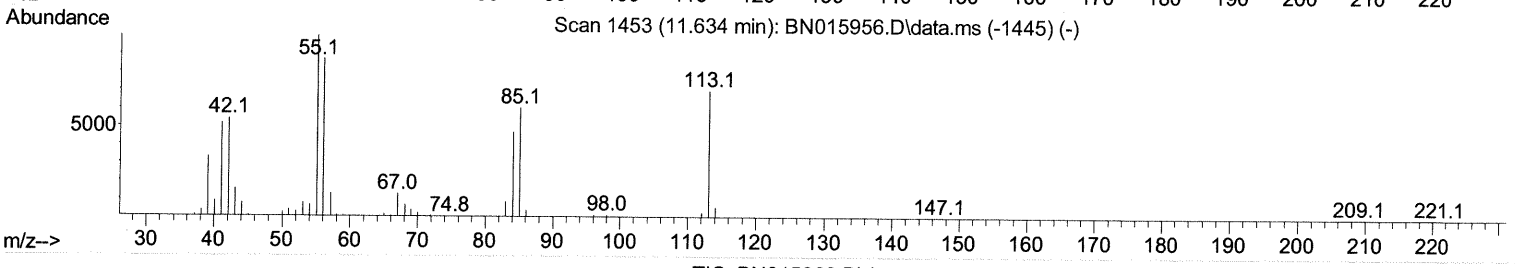

TIC: BN015963.D\data.ms

(34) Caprolactam

11.634min (+ 0.012) 5.14 ng/ul m 08/20/21 JU

response 30054

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	155.69
56.00	127.80	139.44
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	305319	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1269596	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	818627	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1683957	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1639722	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1630489	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	33980	4.335	ng/uL	0.00
4) Pyridine-d5	3.746	84	152167	6.946	ng/ul	0.00
7) Phenol-d5	7.058	99	194763	7.052	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	372439	21.903	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	398672	20.287	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	314592	14.645	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	247865	26.526	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	252549	28.878	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	453571	23.967	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	612869	21.275	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1729265	28.823	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	2041667	27.174	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	93260	8.789	ng/ul	0.00
60) Fluorene-d10	15.539	176	1464480	27.984	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	262467	29.185	ng/ul	0.00
73) Anthracene-d10	17.398	188	2394824	30.342	ng/ul	0.00
81) Pyrene-d10	19.692	212	2664099	30.164	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	2573629	29.193	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	38448	4.772	ng/uL	88
5) Pyridine	3.764	79	177442	7.857	ng/ul	98
6) Benzaldehyde	7.034	77	450496	31.702	ng/ul	100
8) Phenol	7.081	94	243798	8.659	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.322	93	527469	23.914	ng/ul	97
12) 2-Chlorophenol	7.458	128	438522	21.709	ng/ul	98
13) 2-Methylphenol	8.340	108	365009	17.699	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.434	45	650396	23.090	ng/ul	98
16) Acetophenone	8.722	105	866033	24.984	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.710	70	466681	27.570	ng/ul	97
18) 4-Methylphenol	8.669	108	360190	16.319	ng/ul	95
19) Hexachloroethane	8.981	117	208714	22.753	ng/ul	89
22) Nitrobenzene	9.105	77	689074	26.079	ng/ul	98
23) Isophorone	9.628	82	1259893	27.408	ng/ul	98
25) 2-Nitrophenol	9.816	139	291576	30.573	ng/ul	99
26) 2,4-Dimethylphenol	9.881	107	590597	23.185	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.116	93	747726	26.482	ng/ul	97
29) 2,4-Dichlorophenol	10.352	162	483132	25.893	ng/ul	99
30) Naphthalene	10.757	128	1755983	25.824	ng/ul	98
32) 4-Chloroaniline	10.869	127	665454	23.398	ng/ul	99
33) Hexachlorobutadiene	11.052	225	346126	24.142	ng/ul	98
34) Caprolactam	11.634	113	30054m	5.141	ng/ul	08/20/2021 JU
35) 4-Chloro-3-methylphenol	11.993	107	586794	26.550	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.369	142	1277311	27.013	ng/ul	97
37) 1-Methylnaphthalene	12.593	142	1234513	26.229	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.740	216	700392	26.447	ng/ul	96
40) Hexachlorocyclopentadiene	12.722	237	324065	18.874	ng/ul	100
41) 2,4,6-Trichlorophenol	12.981	196	450482	31.109	ng/ul	96
42) 2,4,5-Trichlorophenol	13.046	196	491199	31.069	ng/ul	98
43) 1,1'-Biphenyl	13.381	154	1695101	26.778	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	1293586	26.465	ng/ul	96
45) 2-Nitroaniline	13.628	65	471409	34.037	ng/ul	99
47) Dimethylphthalate	14.004	163	1795396	30.188	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	383645	35.620	ng/ul	89
50) Acenaphthylene	14.269	152	2017605	28.248	ng/ul	99
51) 3-Nitroaniline	14.451	138	372497	32.166	ng/ul	99
52) Acenaphthene	14.610	153	1434174	27.761	ng/ul	96
53) 2,4-Dinitrophenol	14.657	184	150693	25.181	ng/ul	90
55) 4-Nitrophenol	14.751	109	94017	9.055	ng/ul	96
56) Dibenzofuran	14.945	168	2094735	29.328	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	556029	35.843	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.175	232	461175	35.252	ng/ul#	96
59) Diethylphthalate	15.369	149	1919932	32.284	ng/ul	98
61) Fluorene	15.598	166	1742678	29.900	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.592	204	901923	29.676	ng/ul	93
63) 4-Nitroaniline	15.610	138	412468	37.173	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.675	198	266588	29.804	ng/ul	98
67) N-Nitrosodiphenylamine	15.804	169	1545113	31.436	ng/ul	97
68) 4-Bromophenyl-phenylether	16.486	248	569042	31.490	ng/ul	99
69) Hexachlorobenzene	16.604	284	689914	32.671	ng/ul	92
70) Atrazine	16.757	200	596071	33.435	ng/ul	97
71) Pentachlorophenol	16.945	266	364570	30.774	ng/ul	96
72) Phenanthrene	17.339	178	2908960	31.776	ng/ul	98
74) Anthracene	17.433	178	2911905	31.156	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.345	216	710968	26.804	ng/uL	98
76) Pentachlorobenzene	14.869	250	737759	28.574	ng/uL	93
77) Carbazole	17.698	167	2611868	31.785	ng/ul	98
78) Di-n-butylphthalate	18.269	149	3215368	34.414	ng/ul	99
80) Fluoranthene	19.357	202	3435567	32.150	ng/ul	99
82) Pyrene	19.722	202	3539570	31.826	ng/ul	96
83) Butylbenzylphthalate	20.622	149	1407140	37.624	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.398	252	1035647	30.844	ng/ul	97
85) Benzo(a)anthracene	21.469	228	3424710	32.461	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.398	149	2094461	35.311	ng/ul	97
87) Chrysene	21.522	228	3209859	31.424	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	3566914	34.564	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	3464338	32.318	ng/ul	100
91) Benzo(k)fluoranthene	23.221	252	3317548	31.084	ng/ul	98
93) Benzo(a)pyrene	23.804	252	3019798	31.120	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.427	276	3801104	31.592	ng/ul	98
95) Dibenzo(a,h)anthracene	26.439	278	3200681	32.223	ng/ul	98
96) Benzo(g,h,i)perylene	27.192	276	3054953	30.709	ng/ul	97

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