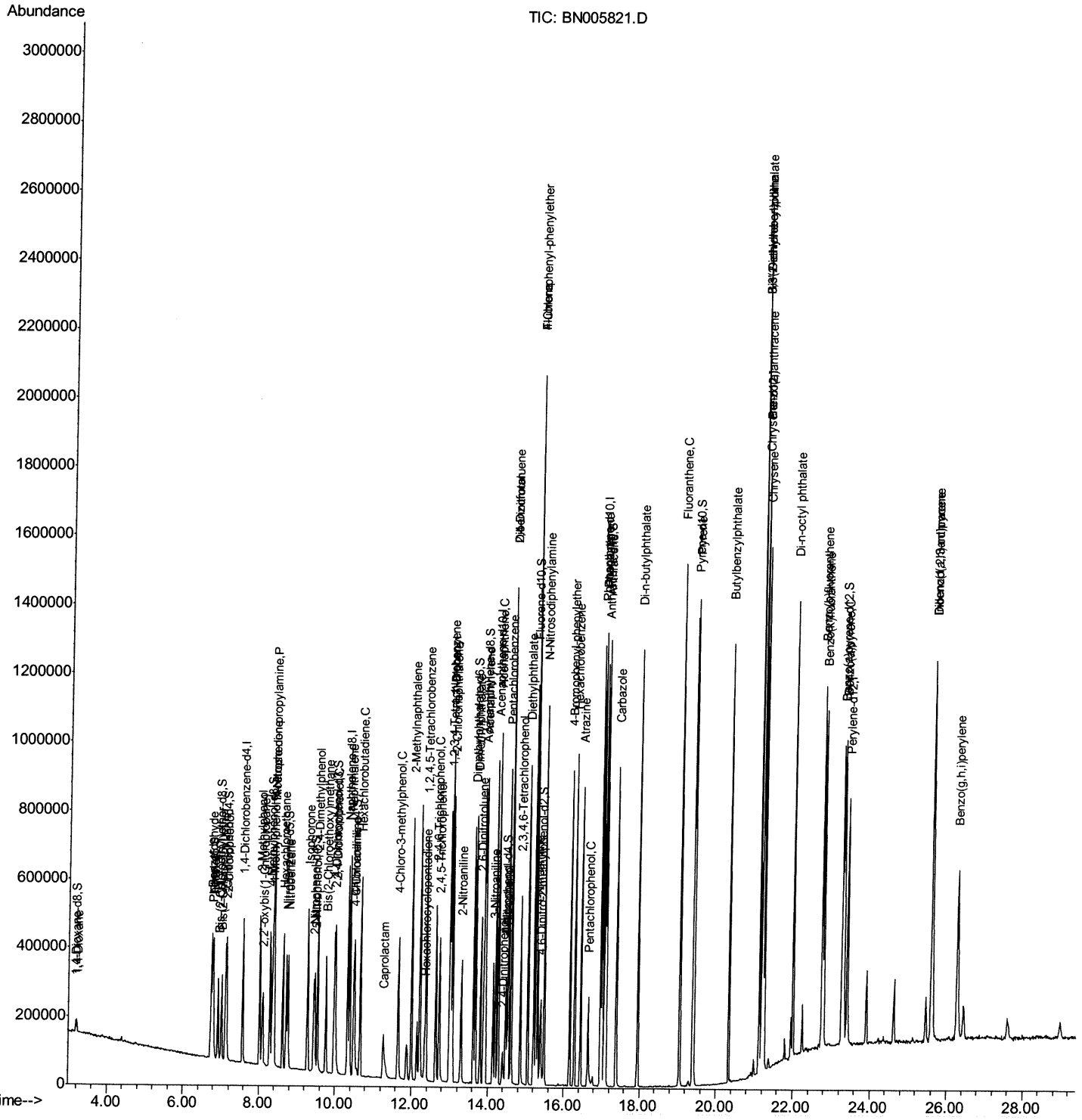
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052019\
Data File : BN005821.D
Acq On : 21 May 2019 04:24
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 21 07:39:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 04:05:47 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02087

Manual Integrations APPROVED
mohammad
5/21/2019 3:27:56 PM



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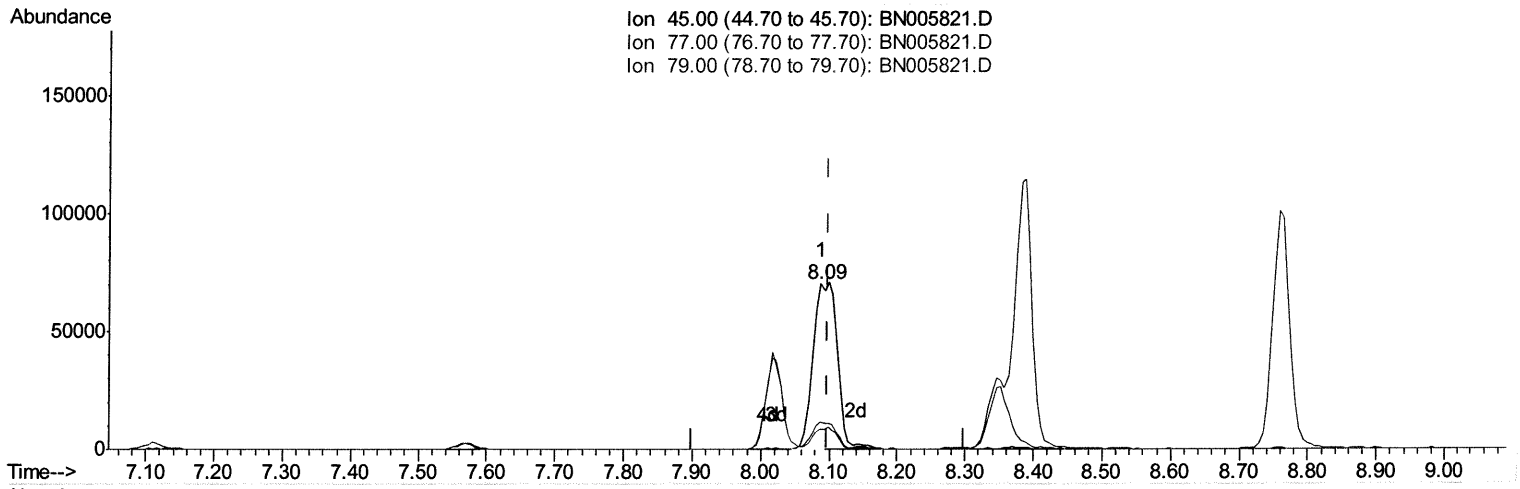
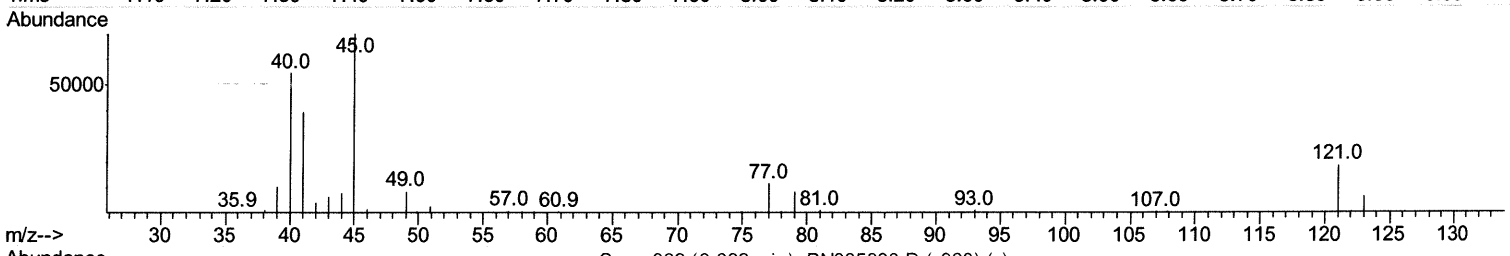
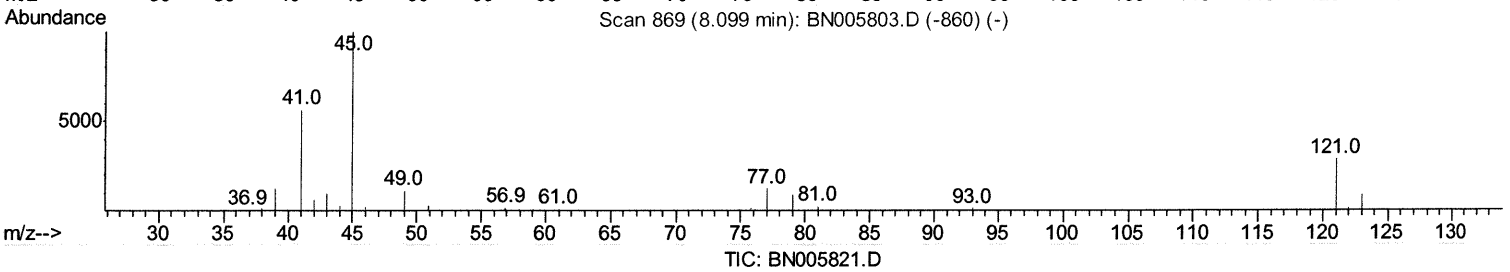




Scan 869 (8.099 min): BN005803.D (-860) (-)



TIC: BN005821.D

(12) 2,2'-oxybis(1-Chloropropane)

8.087min (-0.011) 10.51ng/ul

response 94220

Ion	Exp%	Act%
45.00	100	100
77.00	12.20	16.54#
79.00	9.20	12.23#
0.00	0.00	0.00

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mohammad
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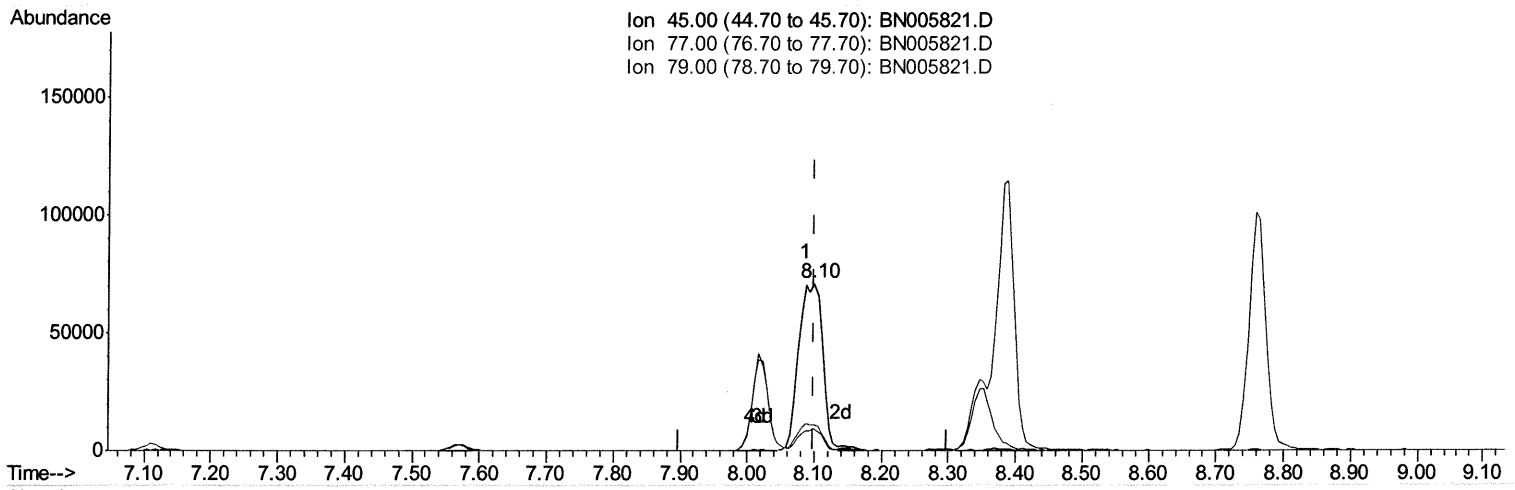
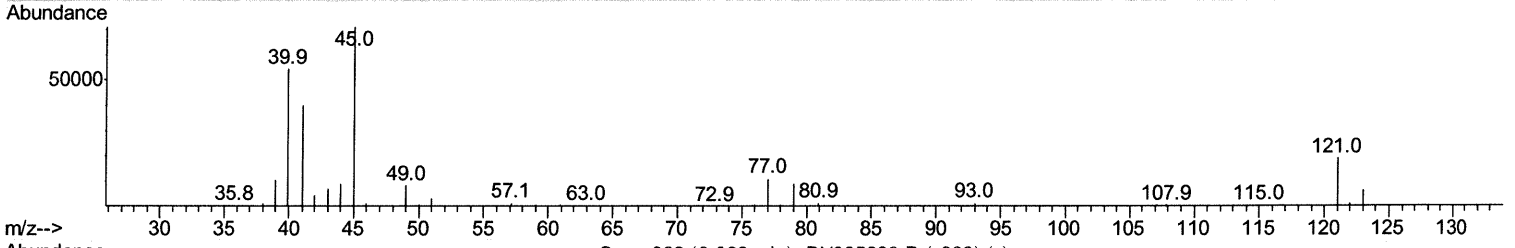
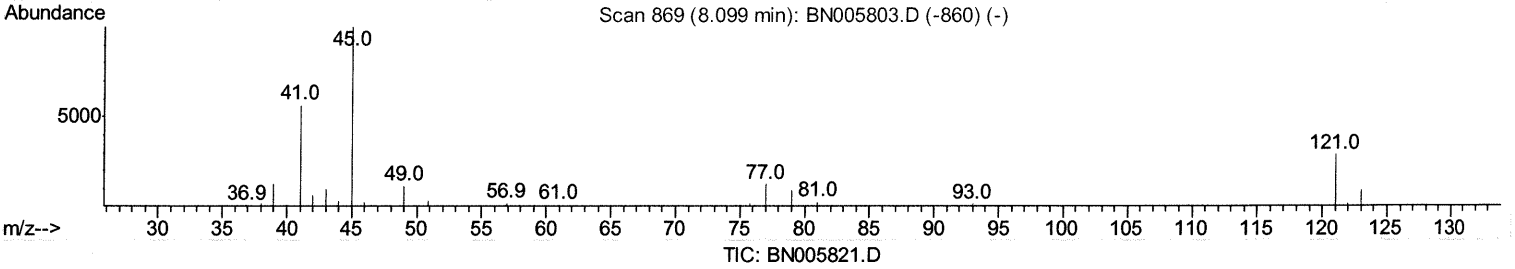




Scan 869 (8.099 min): BN005803.D (-860) (-)



TIC: BN005821.D

(12) 2,2'-oxybis(1-Chloropropane)

8.099min (+0.000) 19.30ng/ul m JU 05/24/19

response 173010

Ion	Exp%	Act%
45.00	100	100
77.00	12.20	15.73#
79.00	9.20	12.93#
0.00	0.00	0.00

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5/21/2019 3:27:56 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	118060	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	485364	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	311782	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	749974	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	602476	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	560320	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	18000	8.54	ng/uL	0.00
5) Phenol-d5	6.76	99	179701	19.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	96848	20.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	154654	21.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	148324	19.01	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	75809	21.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	83771	20.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	171008	22.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	177315	20.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	499508	20.82	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	636384	21.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	54997	16.27	ng/ul	0.00
57) Fluorene-d10	15.21	176	445997	21.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	48085	10.67	ng/ul	0.01
70) Anthracene-d10	17.07	188	719217	22.20	ng/ul	0.00
78) Pyrene-d10	19.38	212	765490	25.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	557860	22.19	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	19169	8.635	ng/uL	91
4) Benzaldehyde	6.73	77	123691	18.728	ng/ul	99
6) Phenol	6.79	94	181883	19.556	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.01	93	139651	20.490	ng/ul	91
10) 2-Chlorophenol	7.14	128	157331	21.176	ng/ul	92
11) 2-Methylphenol	8.02	108	142086	19.241	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.10	45	173010m>	19.305	ng/ul	→ JO 05/22/19
14) Acetophenone	8.39	105	245347	19.640	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.37	70	110544	18.326	ng/ul#	90
16) 4-Methylphenol	8.35	108	153655	18.905	ng/ul	95
17) Hexachloroethane	8.62	117	66825	20.962	ng/ul#	81
20) Nitrobenzene	8.76	77	178309	21.894	ng/ul	93
21) Isophorone	9.28	82	322603	19.868	ng/ul	96
23) 2-Nitrophenol	9.46	139	85658	20.224	ng/ul	96
24) 2,4-Dimethylphenol	9.53	107	184607	21.107	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.76	93	186441	20.306	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	164964	22.082	ng/ul	97
28) Naphthalene	10.38	128	498418	21.497	ng/ul	100
30) 4-Chloroaniline	10.50	127	178304	20.449	ng/ul	99
31) Hexachlorobutadiene	10.66	225	130659	23.979	ng/ul	97
32) Caprolactam	11.26	113	47372	17.307	ng/ul	82
33) 4-Chloro-3-methylphenol	11.65	107	169074	20.009	ng/ul	96
34) 2-Methylnaphthalene	12.00	142	372268	20.790	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	241110	24.020 ng/ul#	95
37) Hexachlorocyclopentadiene	12.35	237	45561	14.563 ng/ul	96
38) 2,4,6-Trichlorophenol	12.64	196	141311	22.742 ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	147562	22.607 ng/ul	99
40) 1,1'-Biphenyl	13.03	154	510715	22.527 ng/ul#	96
41) 2-Chloronaphthalene	13.08	162	400071	22.342 ng/ul	98
42) 2-Nitroaniline	13.30	65	104665	20.277 ng/ul	95
44) Dimethylphthalate	13.68	163	492901	20.839 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	100104	20.085 ng/ul	95
47) Acenaphthylene	13.93	152	603170	21.490 ng/ul	98
48) 3-Nitroaniline	14.14	138	87114	19.837 ng/ul	92
49) Acenaphthene	14.27	153	412566	21.694 ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	33277	12.975 ng/ul	95
52) 4-Nitrophenol	14.48	109	51763	16.400 ng/ul	86
53) Dibenzofuran	14.62	168	616855	21.862 ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	149039	19.955 ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.86	232	130056	21.458 ng/ul#	87
56) Diethylphthalate	15.05	149	496133	20.725 ng/ul	98
58) Fluorene	15.27	166	499667	21.771 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	278301	22.227 ng/ul	100
60) 4-Nitroaniline	15.31	138	90978	18.583 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.39	198	49227	10.901 ng/ul#	97
64) N-Nitrosodiphenylamine	15.48	169	421696	21.726 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	182299	23.213 ng/ul	97
66) Hexachlorobenzene	16.28	284	201325	22.851 ng/ul	93
67) Atrazine	16.45	200	167408	20.555 ng/ul	97
68) Pentachlorophenol	16.64	266	69048	16.986 ng/ul	98
69) Phenanthrene	17.01	178	817009	21.977 ng/ul	99
71) Anthracene	17.10	178	836022	22.086 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	246943	24.561 ng/uL	99
73) Pentachlorobenzene	14.54	250	236593	23.859 ng/uL	100
74) Carbazole	17.39	167	696393	20.867 ng/ul	100
75) Di-n-butylphthalate	17.95	149	851285	21.354 ng/ul	99
76) Fluoranthene	19.05	202	957121	20.824 ng/ul#	90
79) Pyrene	19.42	202	948408	25.635 ng/ul#	87
80) Butylbenzylphthalate	20.33	149	364941	24.077 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.12	252	265386	20.970 ng/ul#	96
82) Benzo(a)anthracene	21.19	228	831513	21.908 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	537683	25.002 ng/ul#	99
84) Chrysene	21.24	228	773580	21.620 ng/ul	99
86) Di-n-octyl phthalate	21.99	149	857242	28.673 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	712152	23.103 ng/ul#	96
88) Benzo(k)fluoranthene	22.80	252	673747	22.589 ng/ul#	95
90) Benzo(a)pyrene	23.31	252	662918	22.209 ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.61	276	767095	21.020 ng/ul#	91
92) Dibenzo(a,h)anthracene	25.61	278	646179	21.035 ng/ul#	93
93) Benzo(g,h,i)perylene	26.27	276	642153	21.050 ng/ul#	92

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