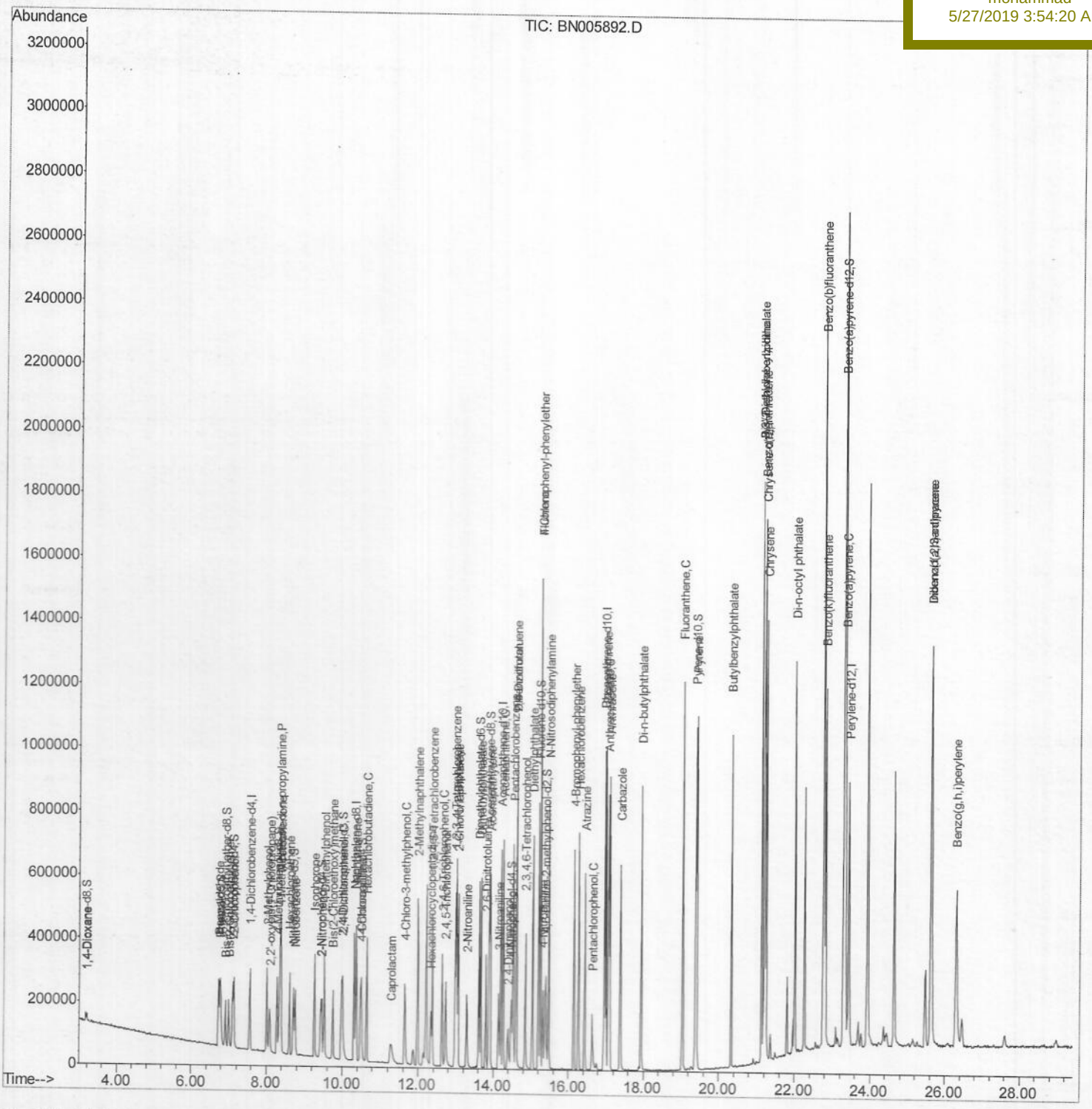
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052419\
Data File : BN005892.D
Acq On : 24 May 2019 15:25
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 24 17:06:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02051

Manual Integrations APPROVED
mohammad
5/27/2019 3:54:20 AM



Quantitation Report (Qedit)

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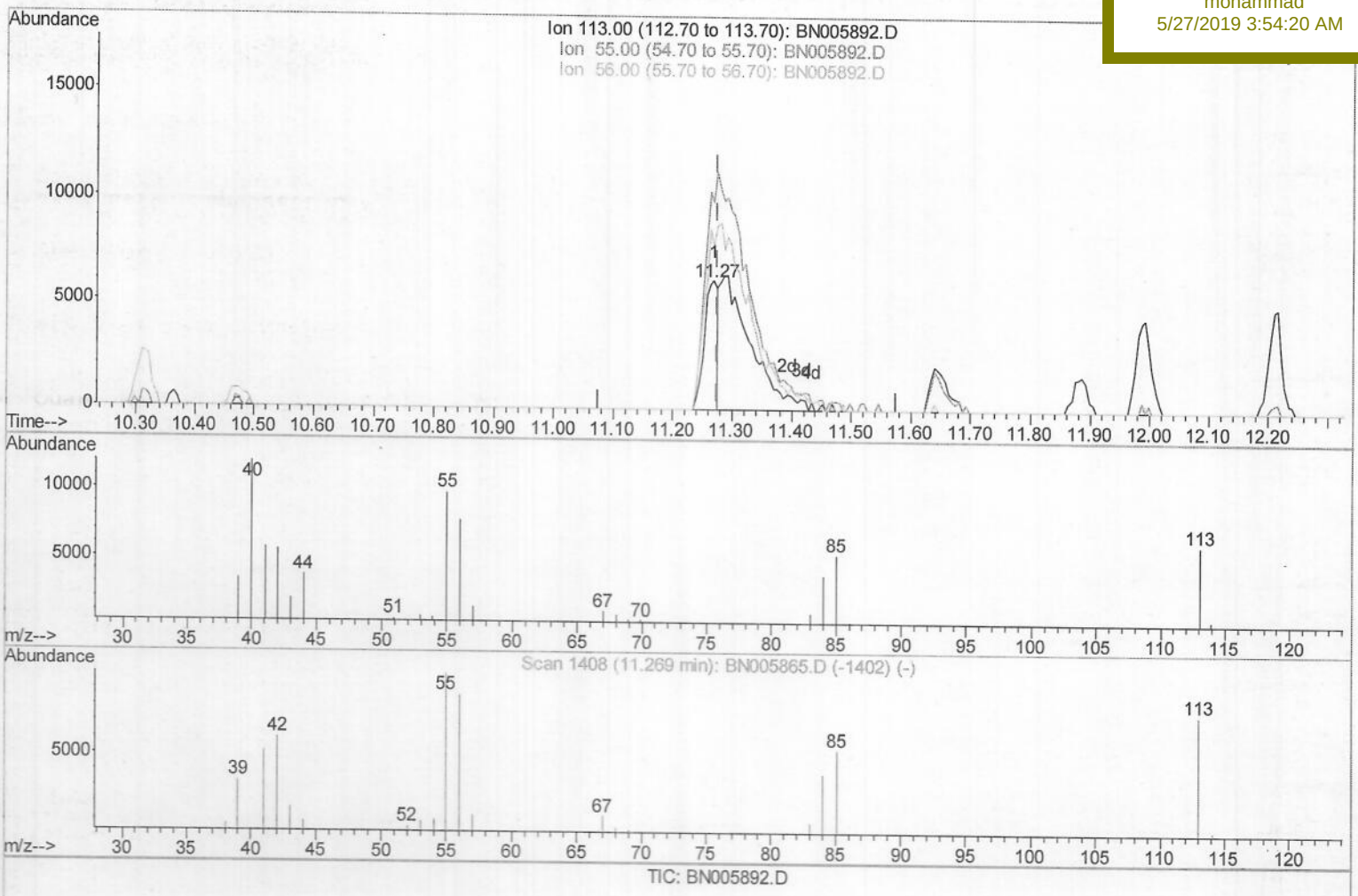

TIC: BN005892.D

(32) Caprolactam

11.269min (-0.006) 5.24ng/ul

response 9680

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	161.05
56.00	148.90	127.83
0.00	0.00	0.00

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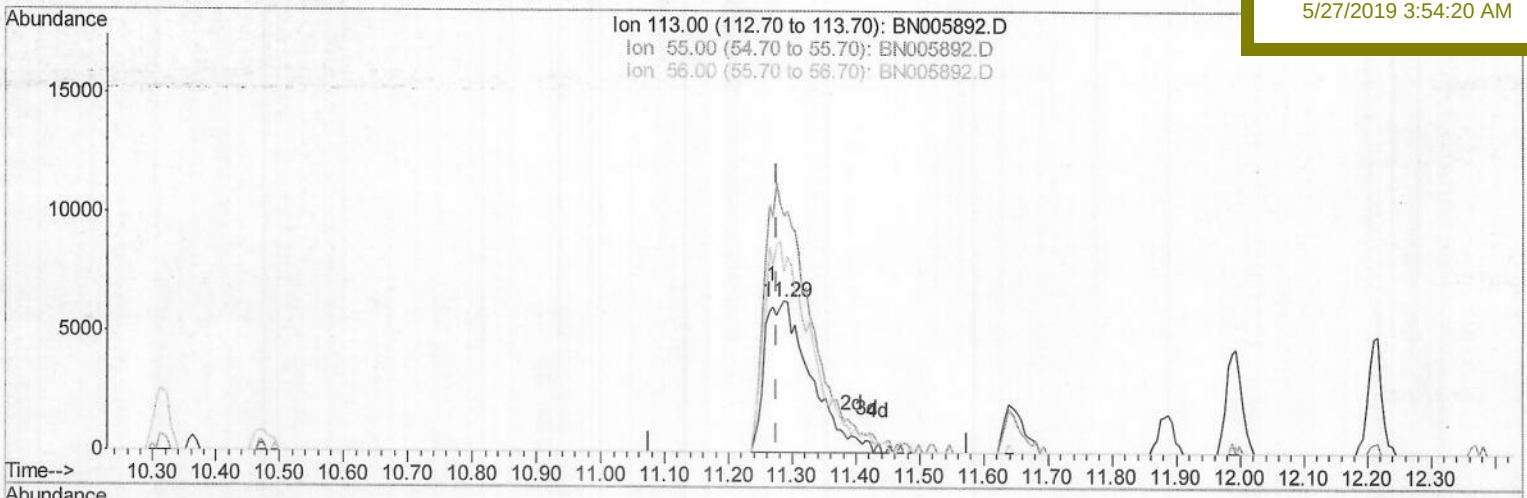

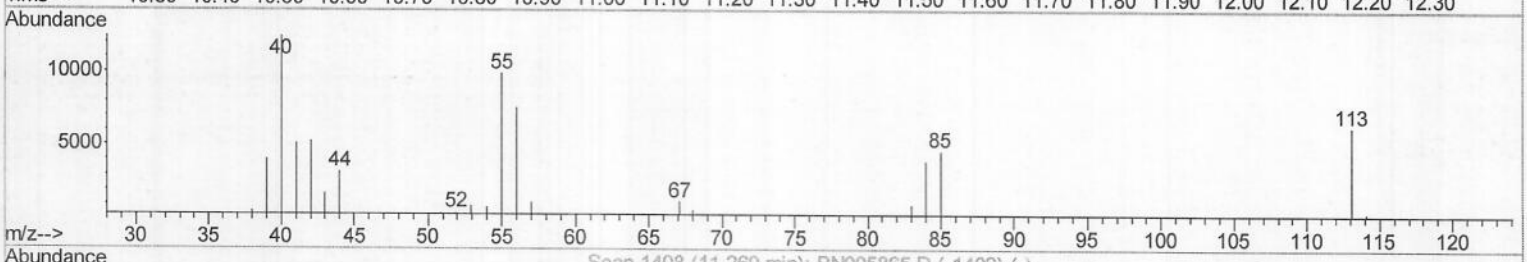

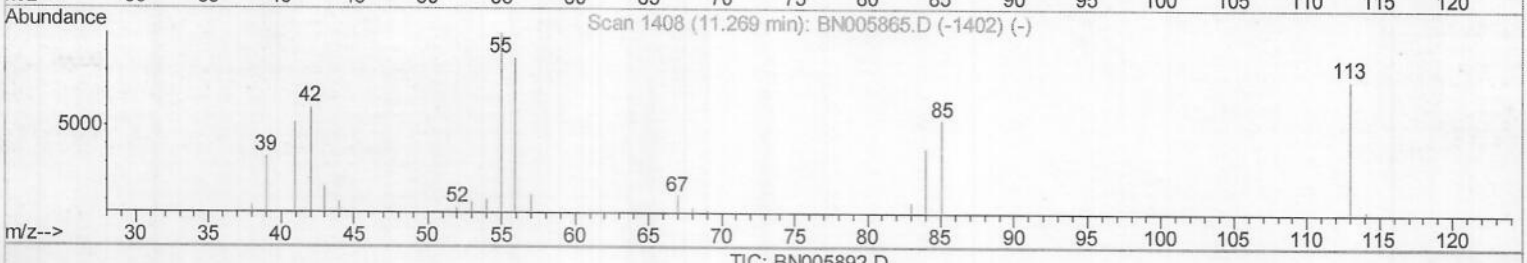

TIC: BN005892.D

(32) Caprolactam

11.287min (+0.012) 17.52ng/ul m JU 05/25/19

response 32327

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	156.32#
56.00	148.90	120.09
0.00	0.00	0.00

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5/27/2019 3:54:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	75099	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	327273	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	230539	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	583102	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	643751	20.00	ng/ul	0.02
85) Perylene-d12	23.43	264	703940	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	11840	8.83	ng/uL	-0.01
5) Phenol-d5	6.76	99	112528	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	61670	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	94187	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	93396	18.82	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	47438	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	52349	19.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	106334	20.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	119662	20.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	372324	20.99	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	447362	20.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	34098	13.65	ng/ul	0.00
57) Fluorene-d10	15.20	176	324053	21.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	60216	17.18	ng/ul	0.00
70) Anthracene-d10	17.06	188	533382	21.17	ng/ul	0.00
78) Pyrene-d10	19.37	212	635533	20.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	682500	21.61	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	12994	9.202	ng/uL	92
4) Benzaldehyde	6.72	77	82316	19.593	ng/ul	97
6) Phenol	6.78	94	113996	19.268	ng/ul	89
8) Bis(2-Chloroethyl)ether	6.99	93	87744	20.239	ng/ul	92
10) 2-Chlorophenol	7.13	128	96275	20.371	ng/ul	94
11) 2-Methylphenol	8.01	108	89686	19.092	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.08	45	108670	19.062	ng/ul#	90
14) Acetophenone	8.38	105	161617	20.338	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.36	70	74025	19.292	ng/ul#	93
16) 4-Methylphenol	8.34	108	95110	18.396	ng/ul	93
17) Hexachloroethane	8.60	117	43960	21.678	ng/ul#	81
20) Nitrobenzene	8.75	77	117135	21.330	ng/ul	97
21) Isophorone	9.26	82	222599	20.331	ng/ul#	96
23) 2-Nitrophenol	9.46	139	54823	19.197	ng/ul#	90
24) 2,4-Dimethylphenol	9.52	107	122245	20.728	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.75	93	122965	19.862	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	104958	20.837	ng/ul	95
28) Naphthalene	10.36	128	319623	20.445	ng/ul	98
30) 4-Chloroaniline	10.50	127	120684	20.527	ng/ul	97
31) Hexachlorobutadiene	10.64	225	87435	23.797	ng/ul	97
32) Caprolactam	11.29	113	32327m	17.515	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	116521	20.451	ng/ul	98
34) 2-Methylnaphthalene	11.99	142	247465	20.497	ng/ul	96

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5/27/2019 3:54:20 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	168027	22.638 ng/ul	97
37) Hexachlorocyclopentadiene	12.33	237	44722	19.333 ng/ul	95
38) 2,4,6-Trichlorophenol	12.63	196	96883	21.086 ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	96481	19.990 ng/ul	97
40) 1,1'-Biphenyl	13.02	154	352441	21.024 ng/ul#	97
41) 2-Chloronaphthalene	13.06	162	277355	20.947 ng/ul	97
42) 2-Nitroaniline	13.29	65	72446	18.981 ng/ul	96
44) Dimethylphthalate	13.66	163	365655	20.907 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	69888	18.964 ng/ul	94
47) Acenaphthylene	13.92	152	428527	20.648 ng/ul	99
48) 3-Nitroaniline	14.13	138	59995	18.476 ng/ul	98
49) Acenaphthene	14.26	153	294666	20.954 ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	39706	20.938 ng/ul	95
52) 4-Nitrophenol	14.48	109	36373	15.585 ng/ul#	81
53) Dibenzofuran	14.60	168	442707	21.219 ng/ul	96
54) 2,4-Dinitrotoluene	14.61	165	113147	20.488 ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	14.85	232	94753	21.143 ng/ul	93
56) Diethylphthalate	15.04	149	377519	21.328 ng/ul	99
58) Fluorene	15.25	166	362631	21.368 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.25	204	208047	22.472 ng/ul	98
60) 4-Nitroaniline	15.32	138	66878	18.474 ng/ul#	84
63) 4,6-Dinitro-2-methylphenol	15.39	198	62153	17.703 ng/ul#	97
64) N-Nitrosodiphenylamine	15.47	169	314040	20.810 ng/ul	98
65) 4-Bromophenyl-phenylether	16.15	248	134727	22.065 ng/ul	98
66) Hexachlorobenzene	16.27	284	154845	22.605 ng/ul#	93
67) Atrazine	16.43	200	127686	20.164 ng/ul	97
68) Pentachlorophenol	16.64	266	53513	16.932 ng/ul	98
69) Phenanthrene	17.00	178	607035	21.002 ng/ul	99
71) Anthracene	17.09	178	617591	20.985 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	173495	22.194 ng/uL	97
73) Pentachlorobenzene	14.53	250	173748	22.535 ng/uL	100
74) Carbazole	17.38	167	525605	20.257 ng/ul	100
75) Di-n-butylphthalate	17.94	149	621162	20.041 ng/ul	98
76) Fluoranthene	19.04	202	770803	21.570 ng/ul#	89
79) Pyrene	19.41	202	795108	20.113 ng/ul#	86
80) Butylbenzylphthalate	20.33	149	279913	17.283 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.13	252	246000	18.192 ng/ul#	97
82) Benzo(a)anthracene	21.19	228	833043	20.541 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	415402	18.078 ng/ul#	98
84) Chrysene	21.25	228	809487	21.173 ng/ul	100
86) Di-n-octyl phthalate	22.01	149	742148	19.759 ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	872200	22.522 ng/ul#	95
88) Benzo(k)fluoranthene	22.82	252	807840	21.559 ng/ul#	96
90) Benzo(a)pyrene	23.34	252	817966	21.812 ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.63	276	928095	20.243 ng/ul#	91
92) Dibenzo(a,h)anthracene	25.63	278	781103	20.239 ng/ul#	92
93) Benzo(g,h,i)perylene	26.30	276	765262	19.968 ng/ul#	90

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