Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\

Quantitation Report (QT Reviewed)

Data File : BN009177.D
Acq On : 26 Dec 2019 17:46
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 27 01:24:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 25 01:06:45 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02062

Manual Integrations APPROVED
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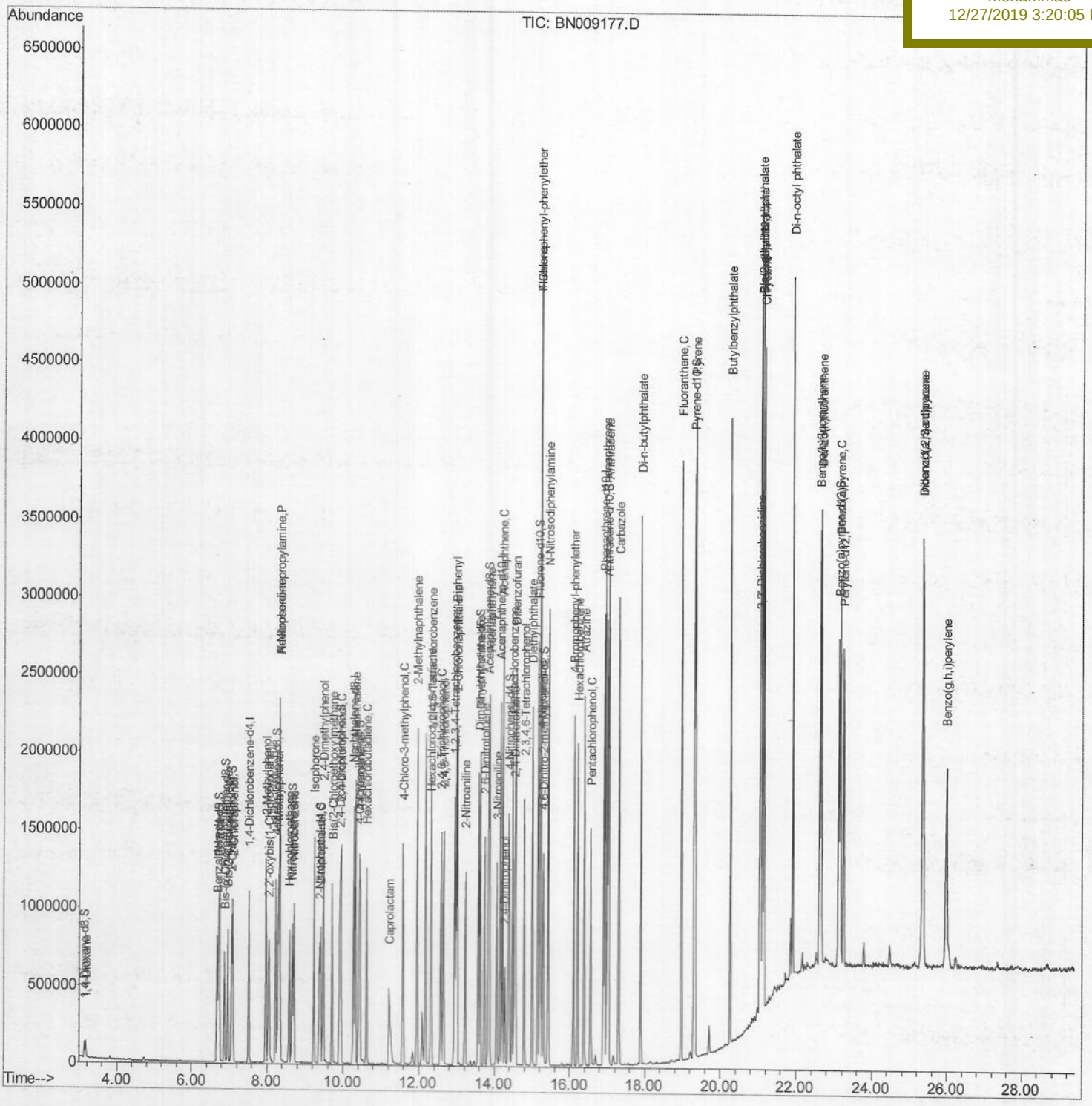

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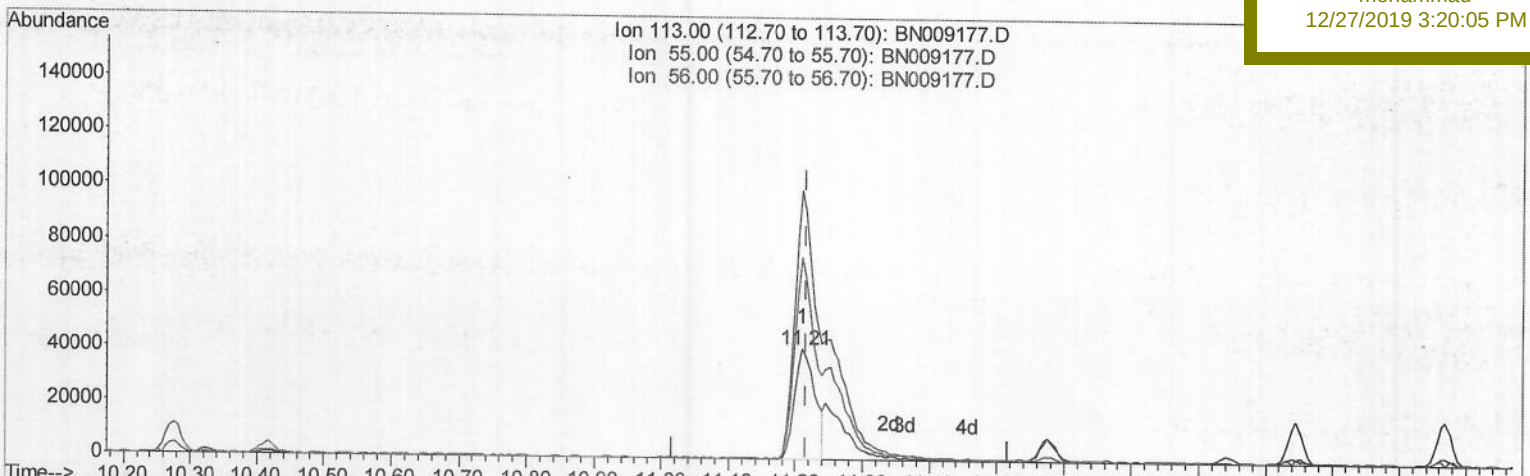

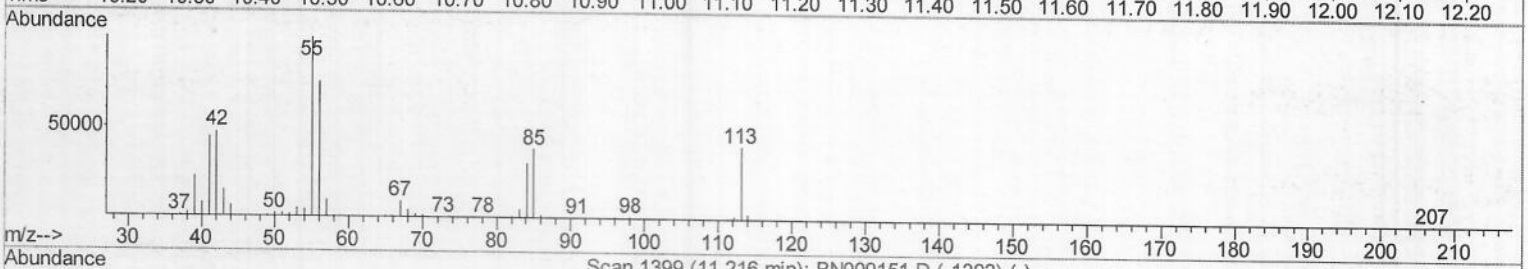

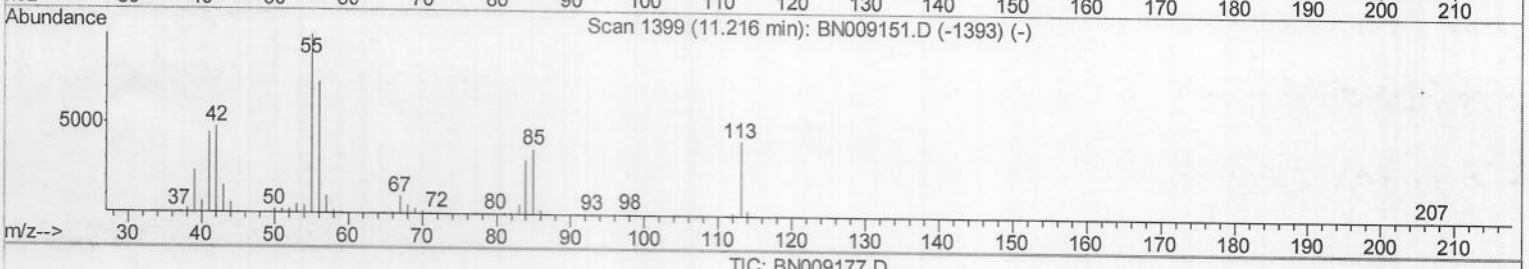

TIC: BN009177.D

(32) Caprolactam

11.210min (-0.006) 11.76ng/ul

response 86743

Ion	Exp%	Act%
113.00	100	100
55.00	235.10	242.63
56.00	179.20	182.84
0.00	0.00	0.00

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Manual Integrations APPROVED
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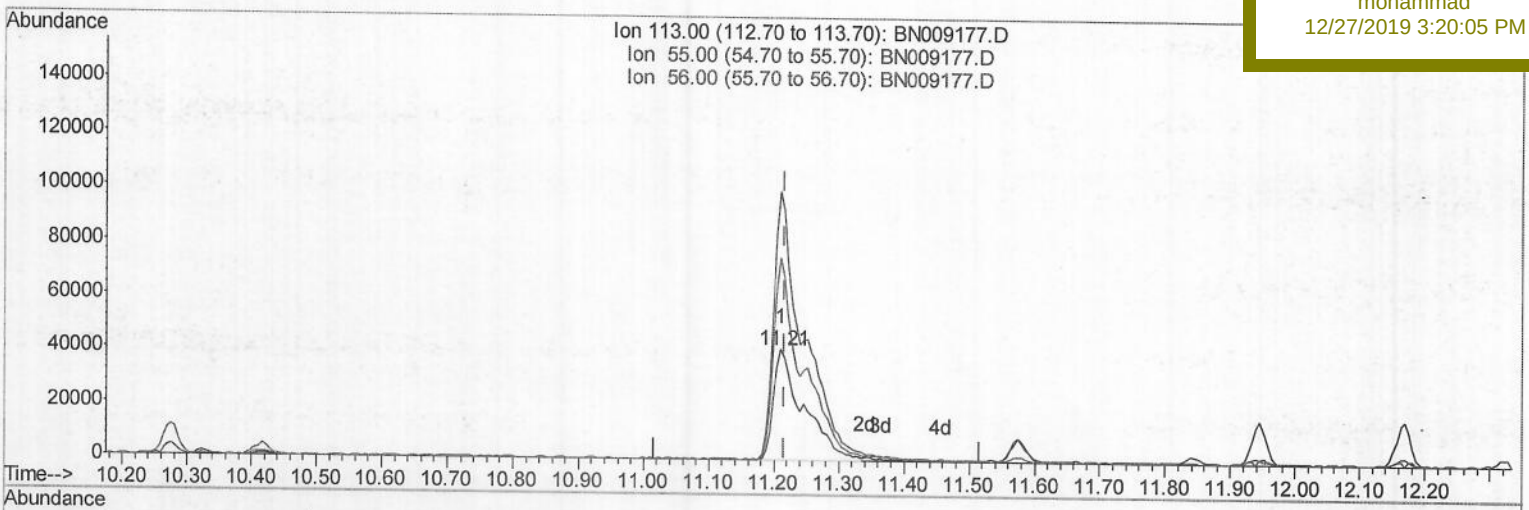

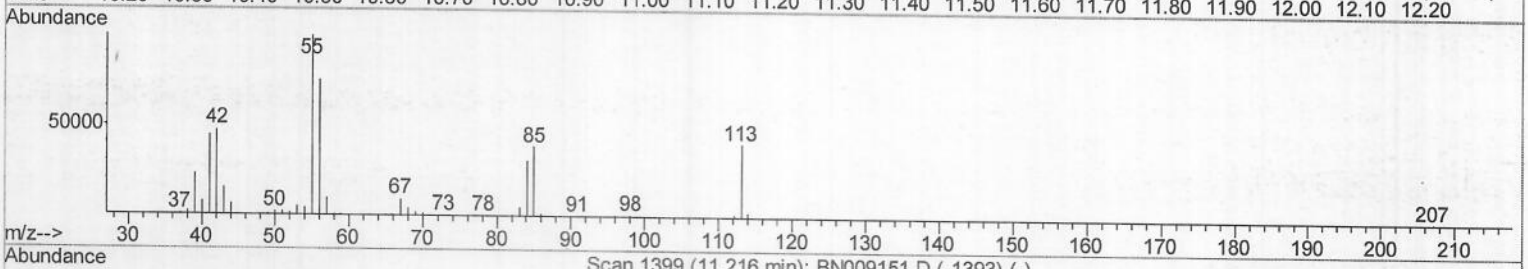

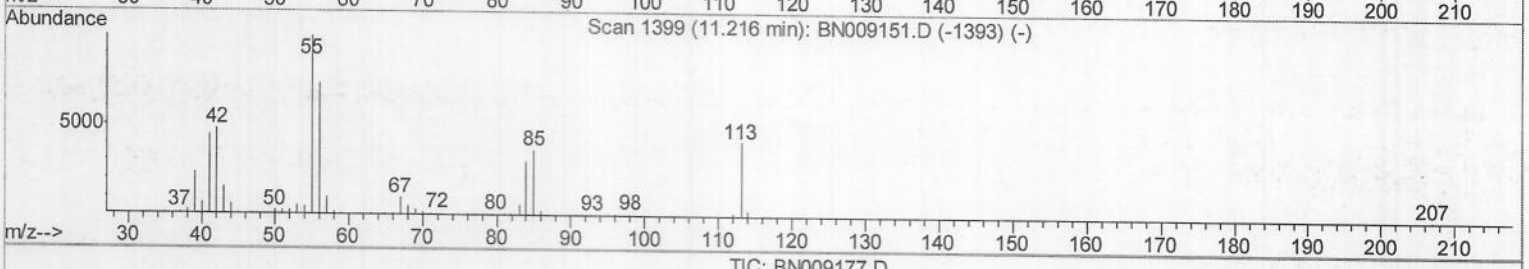

TIC: BN009177.D

(32) Caprolactam

11.210min (-0.006) 18.12ng/ul m JU 12/27/19

response 133692

Ion	Exp%	Act%
113.00	100	100
55.00	235.10	242.63
56.00	179.20	182.84
0.00	0.00	0.00

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LabSampleId : SSTD02062

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	269634	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.28	136	1208419	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	772584	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1646817	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1454270	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1294232	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	44011	7.46	ng/uL	0.00
5) Phenol-d5	6.71	99	488938	19.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	310897	18.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	370282	20.17	ng/ul	-0.01
13) 4-Methylphenol-d8	8.23	113	391142	18.90	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	190826	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	216261	21.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	400502	20.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	510431	22.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	1163617	20.05	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	1376152	20.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	228220	19.78	ng/ul	0.00
57) Fluorene-d10	15.15	176	995083	19.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	165652	16.12	ng/ul	0.00
70) Anthracene-d10	17.00	188	1572451	20.53	ng/ul	0.00
78) Pyrene-d10	19.30	212	1752729	23.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	1385027	21.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	47813	7.466	ng/uL	92
4) Benzaldehyde	6.68	77	255790	15.916	ng/ul	98
6) Phenol	6.74	94	534444	20.160	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.96	93	404528	19.845	ng/ul	97
10) 2-Chlorophenol	7.09	128	397100	21.205	ng/ul	98
11) 2-Methylphenol	7.96	108	389481	19.554	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.05	45	838990	19.409	ng/ul	98
14) Acetophenone	8.33	105	649851	20.494	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.32	70	345050	19.627	ng/ul	99
16) 4-Methylphenol	8.29	108	441943	20.189	ng/ul	95
17) Hexachloroethane	8.58	117	164367	20.754	ng/ul	93
20) Nitrobenzene	8.70	77	500206	20.235	ng/ul	98
21) Isophorone	9.23	82	958435	20.142	ng/ul	98
23) 2-Nitrophenol	9.40	139	239928	22.063	ng/ul	99
24) 2,4-Dimethylphenol	9.48	107	486688	20.867	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.71	93	576049	19.787	ng/ul	100
27) 2,4-Dichlorophenol	9.93	162	401819	21.332	ng/ul	98
28) Naphthalene	10.33	128	1349209	20.920	ng/ul	99
30) 4-Chloroaniline	10.44	127	541724	23.340	ng/ul	98
31) Hexachlorobutadiene	10.62	225	251167	21.188	ng/ul	97
32) Caprolactam	11.21	113	133692m	18.122	ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	475160	20.433	ng/ul	100
34) 2-Methylnaphthalene	11.95	142	987826	21.246	ng/ul	97

JU 12/27/19

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12/27/2019 3:20:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.32	216	504093	23.124	ng/ul	95
37) Hexachlorocyclopentadiene	12.30	237	229777	17.153	ng/ul	98
38) 2,4,6-Trichlorophenol	12.57	196	322752	22.141	ng/ul	96
39) 2,4,5-Trichlorophenol	12.65	196	354944	22.773	ng/ul	97
40) 1,1'-Biphenyl	12.98	154	1254894	21.925	ng/ul	99
41) 2-Chloronaphthalene	13.02	162	963661	21.571	ng/ul	96
42) 2-Nitroaniline	13.23	65	359300	21.736	ng/ul	95
44) Dimethylphthalate	13.62	163	1166945	19.665	ng/ul	99
45) 2,6-Dinitrotoluene	13.73	165	250300	20.975	ng/ul	98
47) Acenaphthylene	13.87	152	1511492	20.699	ng/ul	99
48) 3-Nitroaniline	14.06	138	264751	22.661	ng/ul	98
49) Acenaphthene	14.22	153	1040487	21.237	ng/ul	99
50) 2,4-Dinitrophenol	14.27	184	115233	15.460	ng/ul	98
52) 4-Nitrophenol	14.39	109	187916	20.416	ng/ul	97
53) Dibenzofuran	14.56	168	1492294	21.695	ng/ul	97
54) 2,4-Dinitrotoluene	14.53	165	361890	20.732	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.79	232	304394	21.423	ng/ul	97
56) Diethylphthalate	15.00	149	1218960	19.017	ng/ul	99
58) Fluorene	15.21	166	1204969	20.964	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.21	204	598639	20.780	ng/ul	98
60) 4-Nitroaniline	15.23	138	300725	21.665	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.30	198	183805	16.977	ng/ul	95
64) N-Nitrosodiphenylamine	15.43	169	1052609	22.215	ng/ul	98
65) 4-Bromophenyl-phenylether	16.10	248	362742	21.858	ng/ul	96
66) Hexachlorobenzene	16.22	284	392567	21.226	ng/ul	97
67) Atrazine	16.39	200	370071	20.518	ng/ul	98
68) Pentachlorophenol	16.56	266	251231	21.687	ng/ul	94
69) Phenanthrene	16.95	178	1912586	21.064	ng/ul	99
71) Anthracene	17.03	178	1986659	21.266	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.94	216	484693	22.506	ng/uL	99
73) Pentachlorobenzene	14.48	250	479130	22.508	ng/uL	98
74) Carbazole	17.31	167	1761005	21.815	ng/ul	99
75) Di-n-butylphthalate	17.89	149	2193742	20.644	ng/ul	99
76) Fluoranthene	18.97	202	2244631	21.404	ng/ul	98
79) Pyrene	19.33	202	2289760	22.702	ng/ul	99
80) Butylbenzylphthalate	20.26	149	1050488	23.680	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.03	252	601023	17.955	ng/ul	89
82) Benzo(a)anthracene	21.10	228	2105512	21.427	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.06	149	1551632	22.820	ng/ul	97
84) Chrysene	21.15	228	2002788	21.209	ng/ul	99
86) Di-n-octyl phthalate	21.91	149	2568316	29.533	ng/ul	100
87) Benzo(b)fluoranthene	22.62	252	1820001	23.008	ng/ul	99
88) Benzo(k)fluoranthene	22.66	252	1758106	22.758	ng/ul	97
90) Benzo(a)pyrene	23.16	252	1660756	22.866	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.35	276	1665574	18.928	ng/ul	99
92) Dibenzo(a,h)anthracene	25.36	278	1447397	19.489	ng/ul	98
93) Benzo(g,h,i)perylene	25.99	276	1362773	18.508	ng/ul	98

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