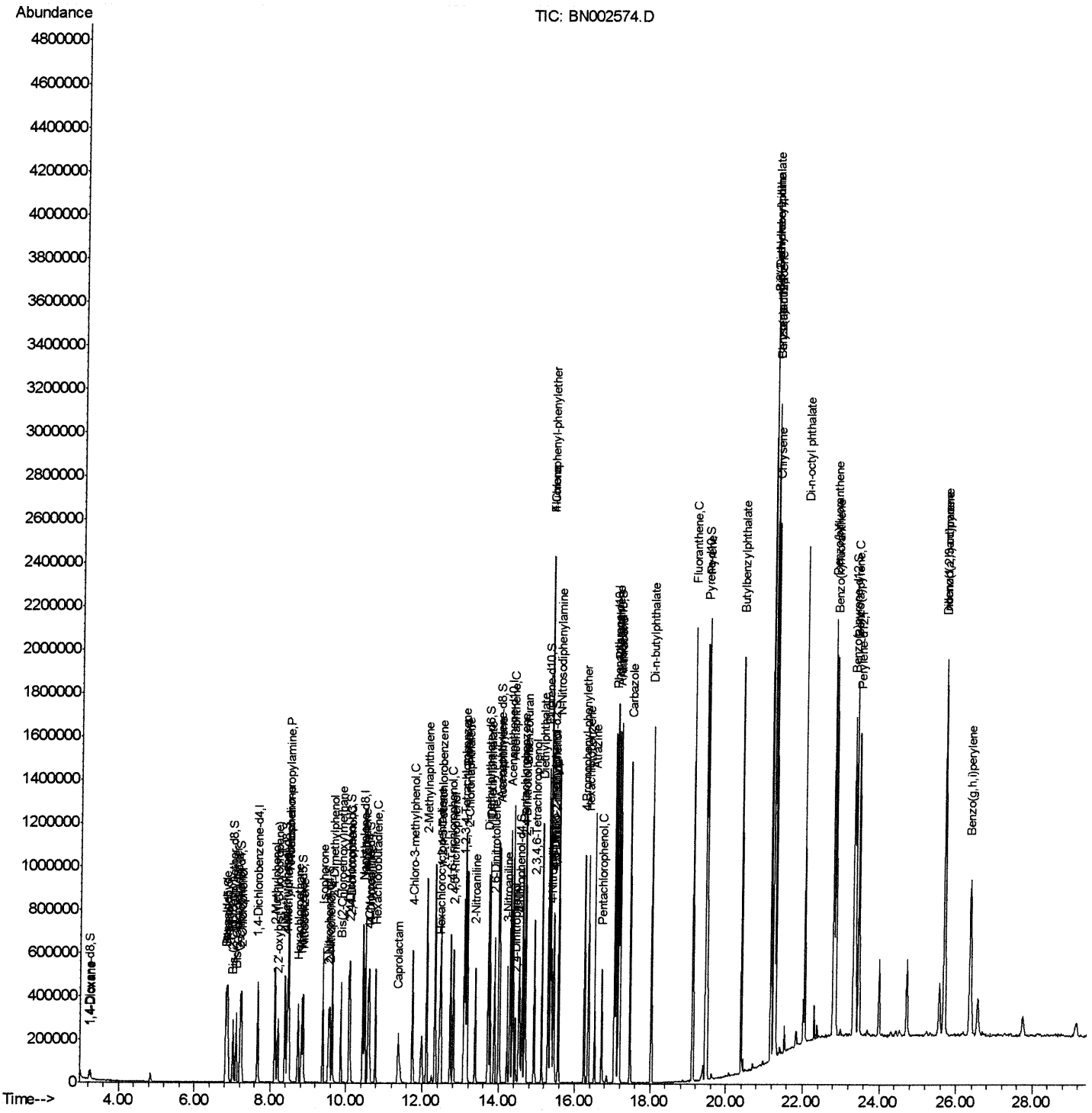
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083118\
Data File : BN002574.D
Acq On : 31 Aug 2018 23:20
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 31 23:58:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 31 23:07:10 2018
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02026

Manual Integrations APPROVED
Sohil
9/4/2018 4:38:13 PM



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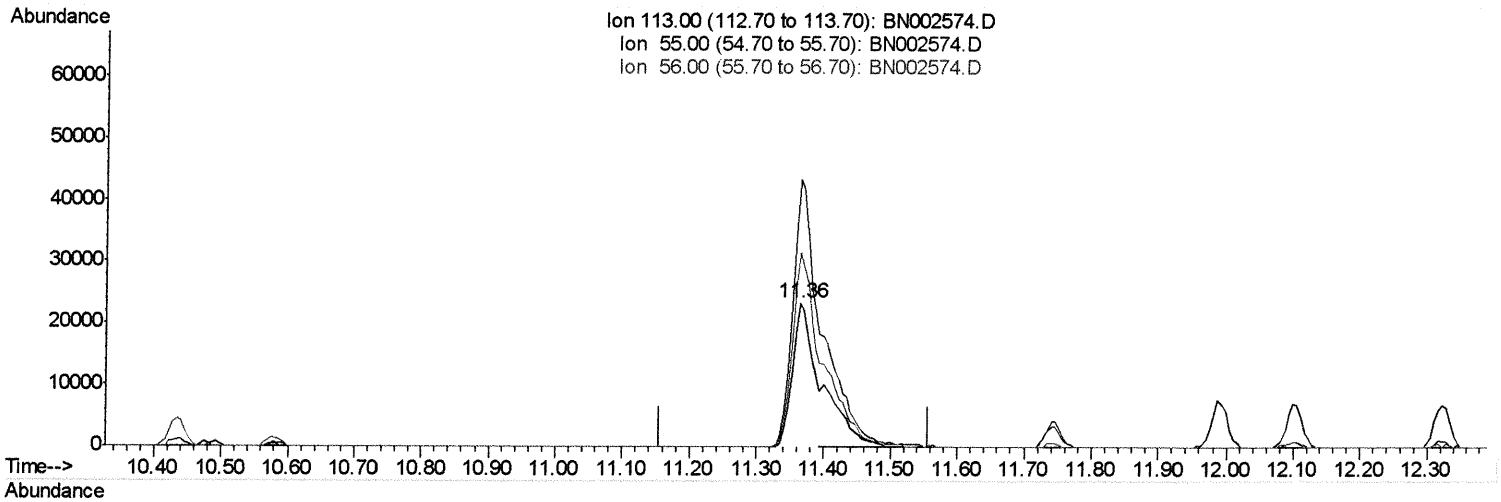

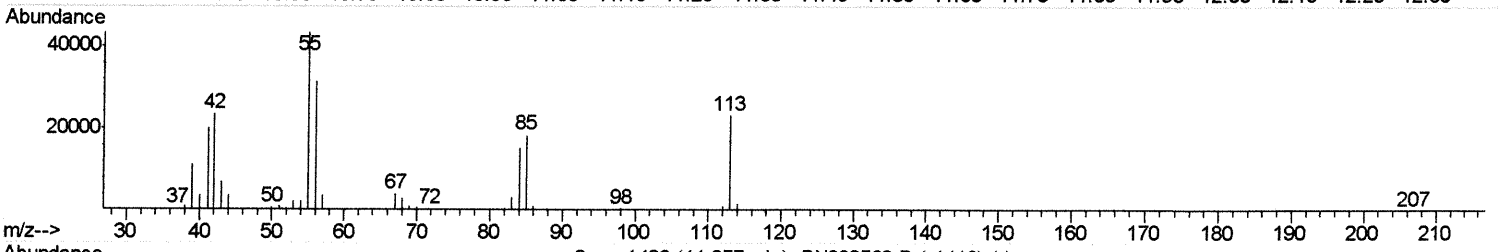

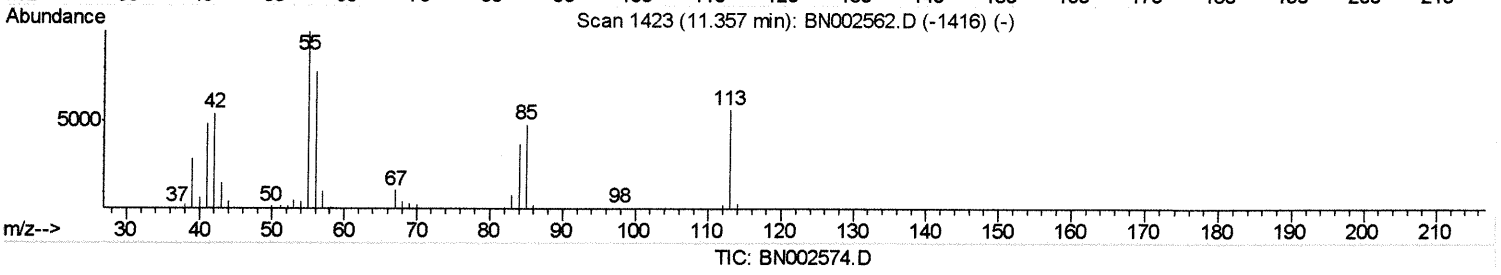

TIC: BN002574.D

(32) Caprolactam

11.363min (+0.006) 14.62ng/ul

response 48548

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	186.45#
56.00	101.50	135.79#
0.00	0.00	0.00

Instrument :
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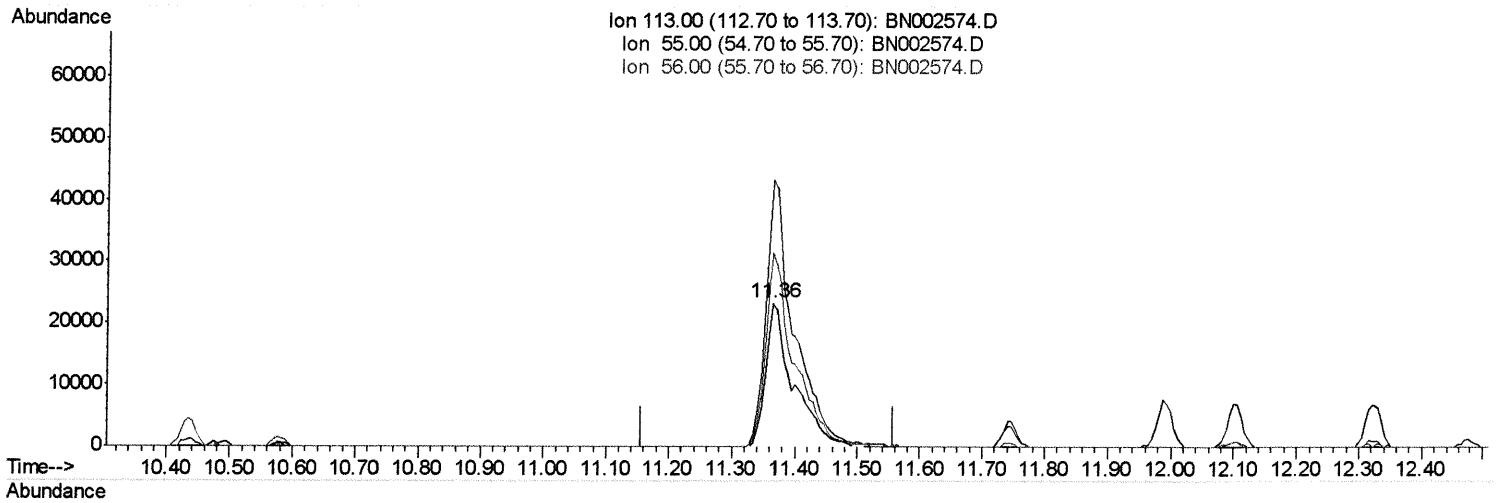

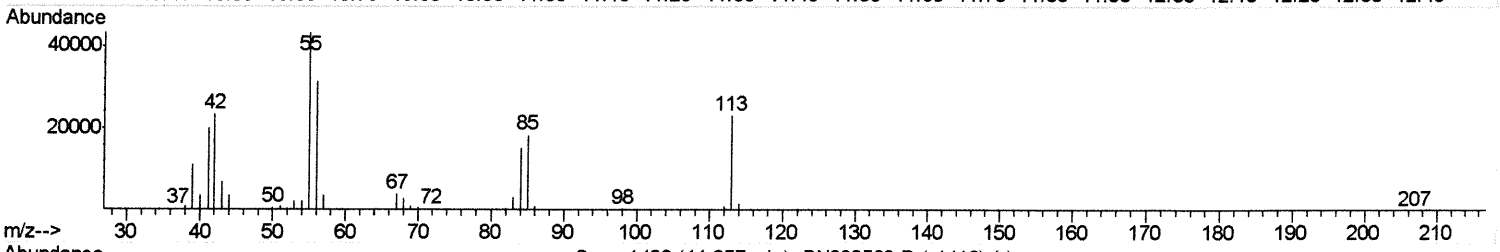

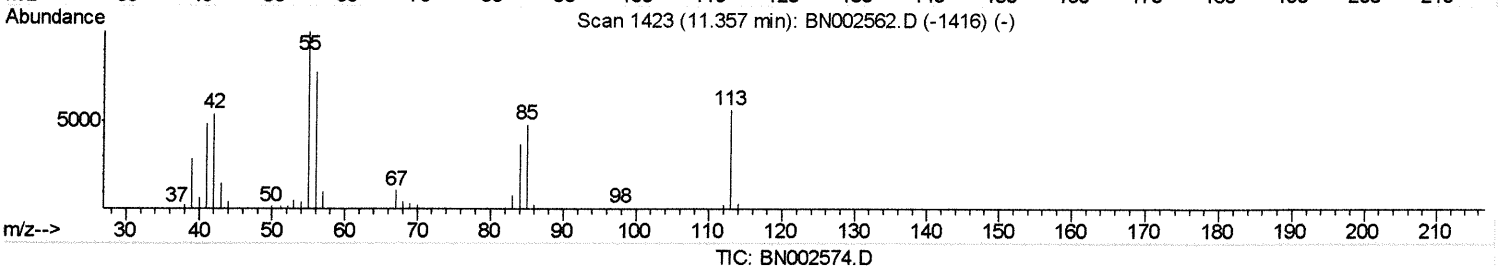

TIC: BN002574.D

(32) Caprolactam

11.363min (+0.006) 21.33ng/ul m SJ 9/4/18

response 70843

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	186.45#
56.00	101.50	135.79#
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	124010	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	593455	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	378573	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	907062	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	996487	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	978892	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	20530	7.82	ng/uL	0.00
5) Phenol-d5	6.85	99	229260	20.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	138754	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	177712	20.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	188710	20.76	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	92029	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	104843	21.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	195414	21.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	227725	23.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	639602	20.38	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	782903	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	101814	17.16	ng/ul	0.01
57) Fluorene-d10	15.29	176	554611	20.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	115728	20.04	ng/ul	0.00
70) Anthracene-d10	17.15	188	890335	20.55	ng/ul	0.00
78) Pyrene-d10	19.45	212	995892	20.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1050071	20.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	22330	7.944	ng/uL#	93
4) Benzaldehyde	6.82	77	147478	18.879	ng/ul	96
6) Phenol	6.88	94	229044	19.780	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.10	93	170656	19.386	ng/ul#	86
10) 2-Chlorophenol	7.23	128	179703	20.609	ng/ul#	89
11) 2-Methylphenol	8.12	108	176061	20.146	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	283393	19.438	ng/ul#	87
14) Acetophenone	8.48	105	293103	20.169	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.46	70	151802	19.796	ng/ul#	84
16) 4-Methylphenol	8.44	108	192450	20.242	ng/ul	99
17) Hexachloroethane	8.73	117	70334	19.256	ng/ul	97
20) Nitrobenzene	8.86	77	224402	19.850	ng/ul	93
21) Isophorone	9.38	82	433717	19.902	ng/ul	98
23) 2-Nitrophenol	9.56	139	111183	21.293	ng/ul#	90
24) 2,4-Dimethylphenol	9.63	107	228647	21.354	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	256118	19.947	ng/ul	97
27) 2,4-Dichlorophenol	10.09	162	188653	21.343	ng/ul	97
28) Naphthalene	10.49	128	614296	20.119	ng/ul	99
30) 4-Chloroaniline	10.60	127	230088	23.065	ng/ul	100
31) Hexachlorobutadiene	10.77	225	114390	20.559	ng/ul	98
32) Caprolactam	11.36	113	70843m	21.335	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	221447	21.772	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	457437	20.298	ng/ul	99

SJ 9/4/18

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	231833	20.217 ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	112413	16.138 ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	158525	21.469 ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	165334	20.926 ng/ul	96
40) 1,1'-Biphenyl	13.13	154	605954	19.995 ng/ul	98
41) 2-Chloronaphthalene	13.16	162	471520	19.959 ng/ul	98
42) 2-Nitroaniline	13.38	65	155014	20.602 ng/ul	83
44) Dimethylphthalate	13.76	163	628023	20.404 ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	131048	21.074 ng/ul	91
47) Acenaphthylene	14.02	152	738008	20.134 ng/ul	99
48) 3-Nitroaniline	14.22	138	127530	21.554 ng/ul	95
49) Acenaphthene	14.36	153	524524	20.286 ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	68453	18.399 ng/ul#	1
52) 4-Nitrophenol	14.54	109	81311	18.084 ng/ul#	85
53) Dibenzofuran	14.70	168	740981	20.313 ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	197416	21.056 ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	14.93	232	145046	21.025 ng/ul	97
56) Diethylphthalate	15.13	149	647687	20.625 ng/ul	99
58) Fluorene	15.35	166	614510	20.591 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	301671	20.481 ng/ul	95
60) 4-Nitroaniline	15.38	138	146914	19.214 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.45	198	116667	19.583 ng/ul	99
64) N-Nitrosodiphenylamine	15.56	169	541190	20.418 ng/ul	98
65) 4-Bromophenyl-phenylether	16.24	248	189653	20.495 ng/ul	94
66) Hexachlorobenzene	16.36	284	208864	20.225 ng/ul	92
67) Atrazine	16.52	200	202849	20.934 ng/ul	99
68) Pentachlorophenol	16.70	266	95777	16.568 ng/ul	98
69) Phenanthrene	17.09	178	1010834	20.215 ng/ul	99
71) Anthracene	17.18	178	1027160	20.254 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	253438	19.982 ng/uL	99
73) Pentachlorobenzene	14.62	250	239744	19.832 ng/uL	97
74) Carbazole	17.46	167	951476	21.156 ng/ul	99
75) Di-n-butylphthalate	18.02	149	1157734	21.175 ng/ul	100
76) Fluoranthene	19.11	202	1210335	21.267 ng/ul	99
79) Pyrene	19.47	202	1229590	20.464 ng/ul	99
80) Butylbenzylphthalate	20.39	149	566851	22.266 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.17	252	415282	20.912 ng/ul	99
82) Benzo(a)anthracene	21.23	228	1268671	20.781 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.17	149	832597	21.803 ng/ul#	98
84) Chrysene	21.28	228	1163218	20.132 ng/ul	98
86) Di-n-octyl phthalate	22.04	149	1436609	23.093 ng/ul#	93
87) Benzo(b)fluoranthene	22.80	252	1212314	20.661 ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	1166623	21.104 ng/ul	99
90) Benzo(a)pyrene	23.37	252	1125141	20.129 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.67	276	1131467	17.015 ng/ul	96
92) Dibenzo(a,h)anthracene	25.68	278	948366	17.059 ng/ul	98
93) Benzo(g,h,i)perylene	26.35	276	910731	16.414 ng/ul	97

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