Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020321\
Data File : BP004673.D
Acq On : 03 Feb 2021 12:57
Operator : CG/JU
Sample : PB134339BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 03 14:29:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 03 12:16:56 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS339

Manual Integrations APPROVED
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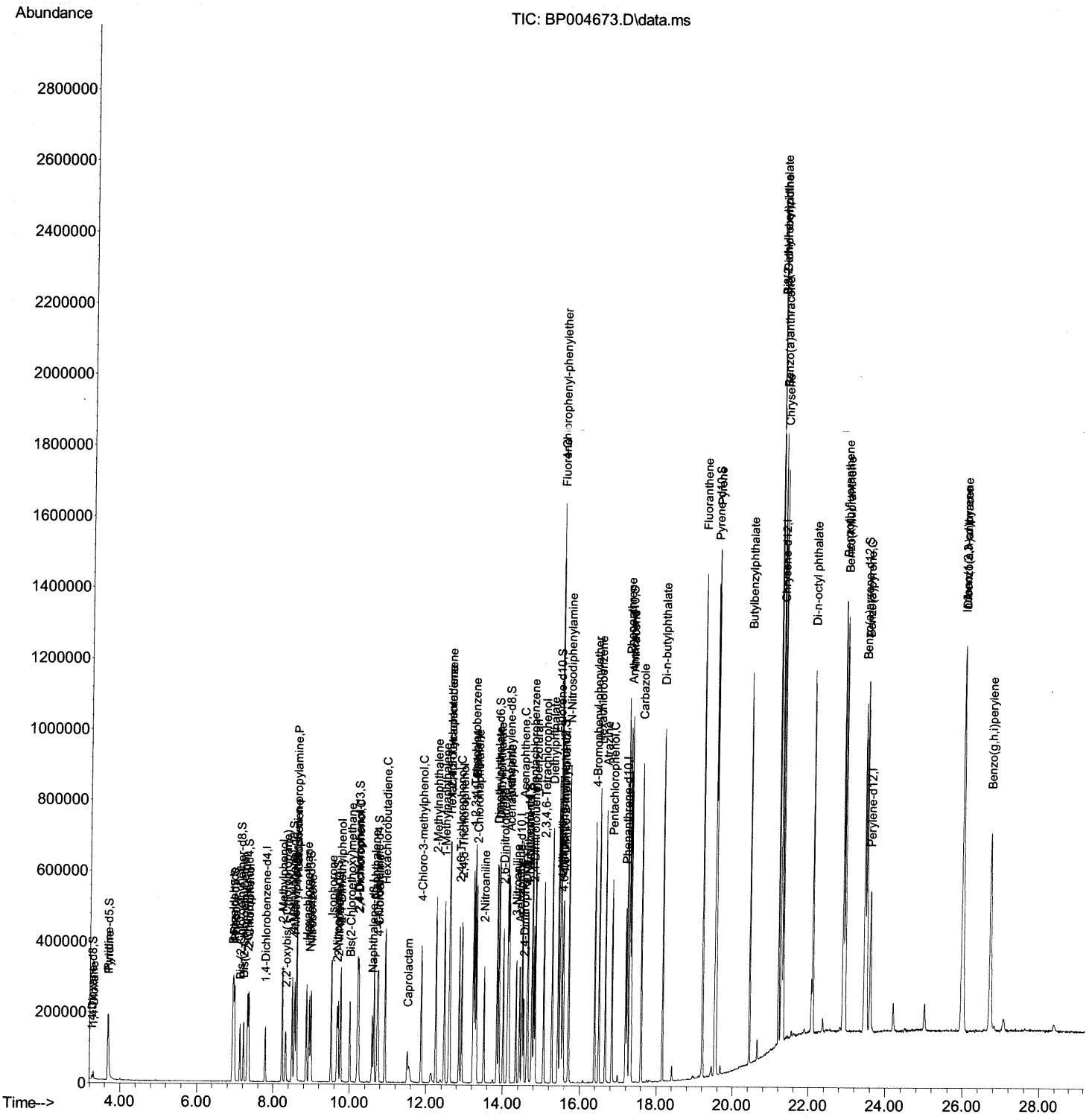
2/4/2021 11:14:29 AM



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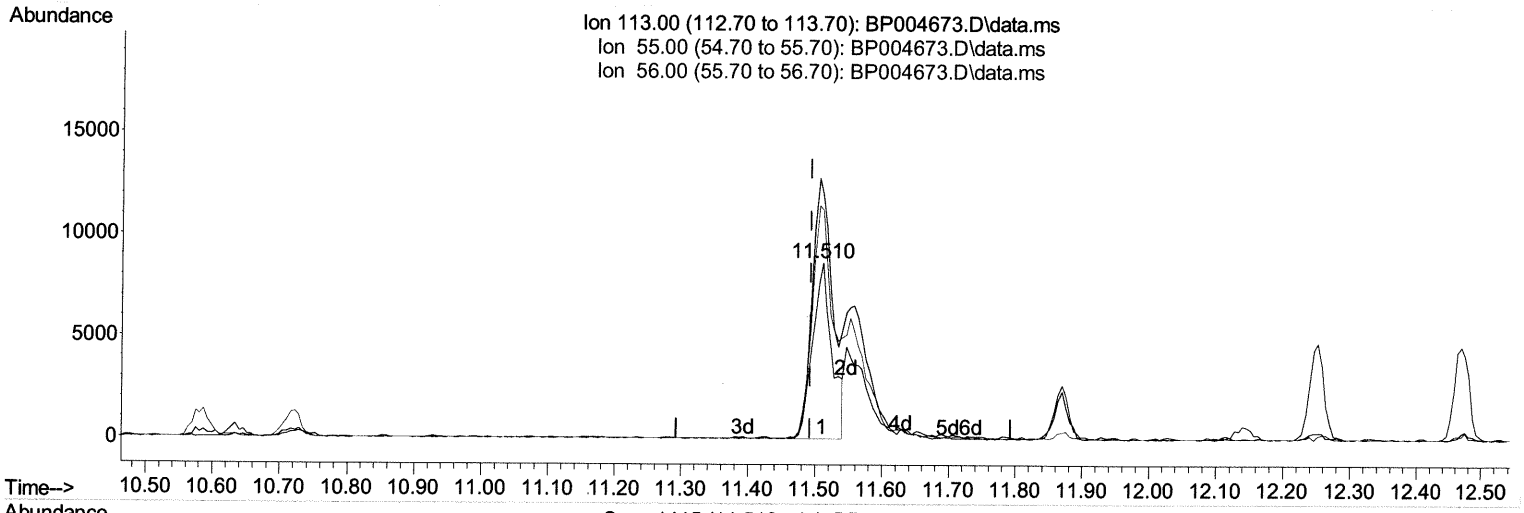

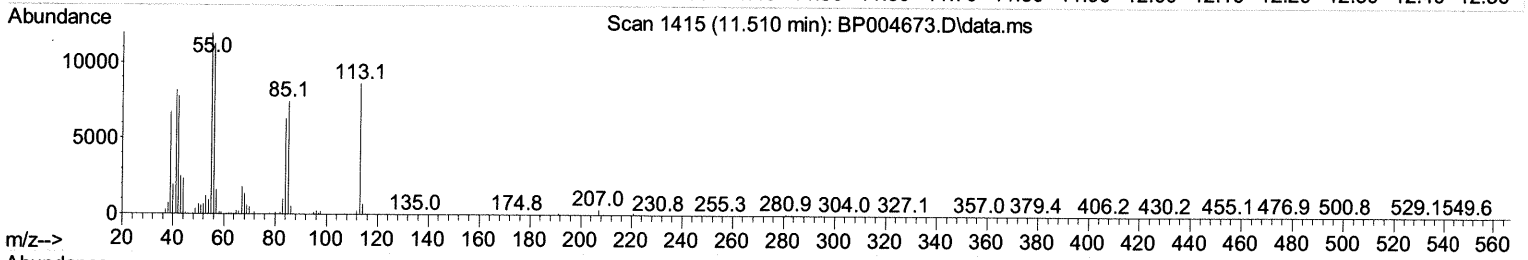

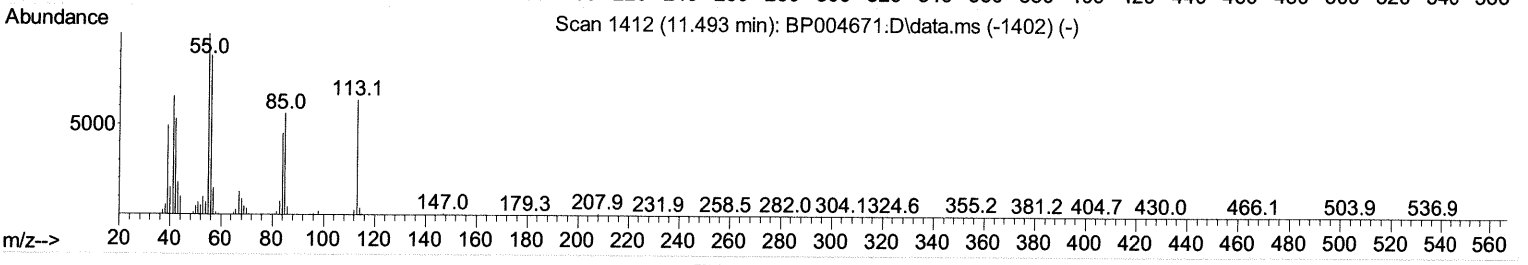

TIC: BP004673.D\data.ms

(34) Caprolactam

11.510min (+ 0.018) 25.46 ng/ul

response 17397

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.90	137.87
56.00	142.30	130.07
0.00	0.00	0.00

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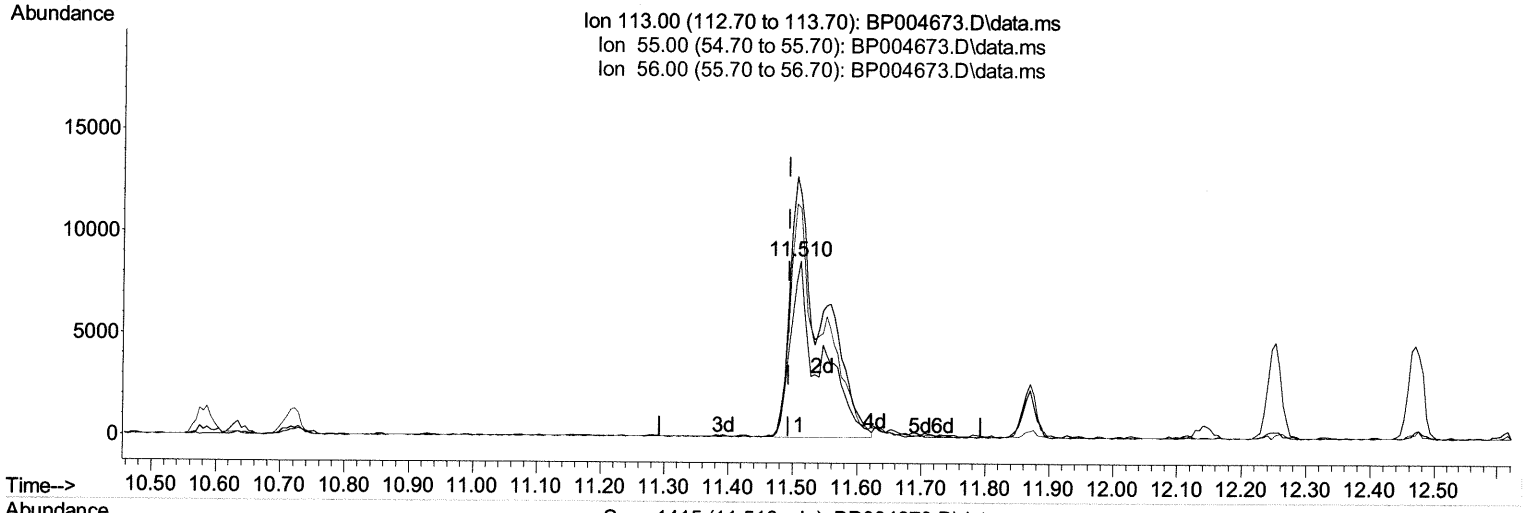

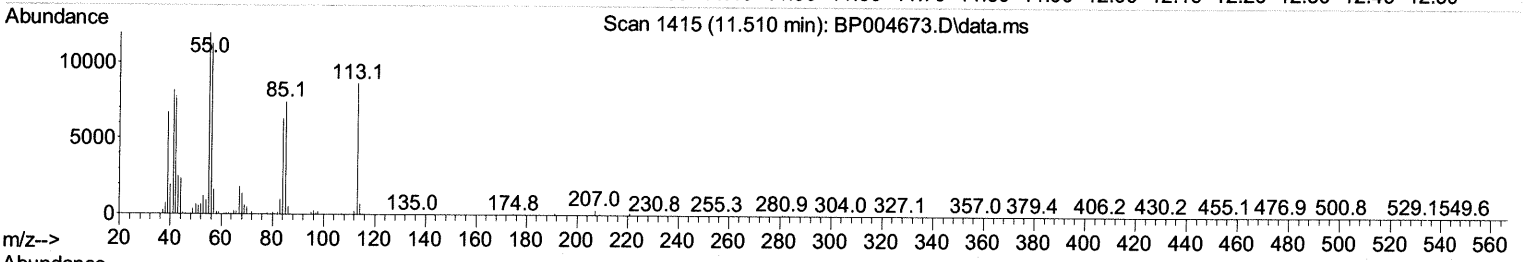

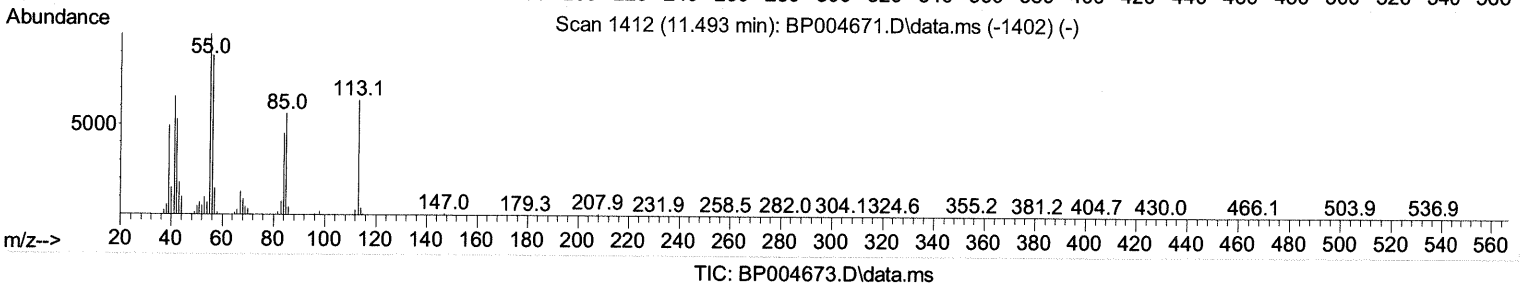

TIC: BP004673.D\data.ms

(34) Caprolactam

11.510min (+ 0.018) 40.31 ng/ul m 02/04/21 JU

response 27547

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.90	137.87
56.00	142.30	130.07
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	7.787	152	34099	20.00	ng/ul	0.00
20) Naphthalene-d8	10.587	136	124952	20.00	ng/ul	0.01
38) Acenaphthene-d10	14.434	164	110367	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	289276	20.00	ng/ul	0.00
79) Chrysene-d12	21.275	240	342577	20.00	ng/ul	0.00
88) Perylene-d12	23.592	264	316011	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	5043	6.86	ng/uL	0.00
4) Pyridine-d5	3.676	84	74045	34.34	ng/ul	0.00
7) Phenol-d5	6.952	99	109399	39.22	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	67875	39.29	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	77628	41.47	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	84297	39.10	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	36638	39.55	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	47588	41.08	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	110443	41.62	ng/ul	0.01
31) 4-Chloroaniline-d4	10.722	131	102478	36.45	ng/ul	0.01
46) Dimethylphthalate-d6	13.851	166	370373	40.60	ng/ul	0.01
49) Acenaphthylene-d8	14.128	160	431125	43.54	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	56399	41.43	ng/ul	0.01
60) Fluorene-d10	15.434	176	331717	40.79	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	80109	40.82	ng/ul	0.00
73) Anthracene-d10	17.292	188	569135	40.36	ng/ul	0.01
81) Pyrene-d10	19.528	212	733072	40.52	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.445	264	778031	43.57	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	11259	14.20	ng/uL	96
5) Pyridine	3.693	79	75572	34.02	ng/ul	92
6) Benzaldehyde	6.928	77	81071	48.72	ng/ul	96
8) Phenol	6.981	94	109037	36.55	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	80875	36.46	ng/ul	94
12) 2-Chlorophenol	7.352	128	73054	36.91	ng/ul	95
13) 2-Methylphenol	8.228	108	78596	35.84	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	90947	37.07	ng/ul	96
16) Acetophenone	8.611	105	139521	36.31	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.599	70	79871	37.64	ng/ul	99
18) 4-Methylphenol	8.558	108	84212	35.95	ng/ul	98
19) Hexachloroethane	8.869	117	37063	37.82	ng/ul	95
22) Nitrobenzene	8.987	77	126763	38.78	ng/ul	98
23) Isophorone	9.516	82	213126	38.57	ng/ul	99
25) 2-Nitrophenol	9.699	139	45581	37.60	ng/ul	92
26) 2,4-Dimethylphenol	9.758	107	98687	33.63	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.999	93	110987	37.49	ng/ul	96
29) 2,4-Dichlorophenol	10.228	162	99016	37.76	ng/ul	100
30) Naphthalene	10.634	128	252937	37.24	ng/ul	99
32) 4-Chloroaniline	10.746	127	101106	34.78	ng/ul	96
33) Hexachlorobutadiene	10.922	225	92888	38.64	ng/ul	98
34) Caprolactam	11.510	113	27547m >	40.31	ng/ul >	62/04/21 JU
35) 4-Chloro-3-methylphenol	11.869	107	103463	39.24	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.252	142	207365	37.50	ng/ul	100
37) 1-Methylnaphthalene	12.469	142	204033	37.10	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	171652	36.95	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	118874	35.96	ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	101816	37.34	ng/ul	94
42) 2,4,5-Trichlorophenol	12.928	196	112407	37.88	ng/ul	97
43) 1,1'-Biphenyl	13.269	154	311611	36.44	ng/ul	98
44) 2-Chloronaphthalene	13.310	162	251445	36.00	ng/ul	97
45) 2-Nitroaniline	13.510	65	84725	40.27	ng/ul	92
47) Dimethylphthalate	13.899	163	347435	37.81	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	71310	39.55	ng/ul	92
50) Acenaphthylene	14.157	152	352877	36.76	ng/ul	99
51) 3-Nitroaniline	14.340	138	56004	39.37	ng/ul	90
52) Acenaphthene	14.504	153	257135	36.48	ng/ul	97
53) 2,4-Dinitrophenol	14.546	184	47441	37.65	ng/ul	95
55) 4-Nitrophenol	14.646	109	72555	39.25	ng/ul	94
56) Dibenzofuran	14.840	168	408564	36.74	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	103388	39.95	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.063	232	113877	39.50	ng/ul#	98
59) Diethylphthalate	15.269	149	337981	38.57	ng/ul	99
61) Fluorene	15.493	166	352485	37.82	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.487	204	214302	37.64	ng/ul	98
63) 4-Nitroaniline	15.510	138	64479	45.00	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.563	198	74760	37.35	ng/ul#	88
67) N-Nitrosodiphenylamine	15.698	169	302923	36.96	ng/ul	98
68) 4-Bromophenyl-phenylether	16.387	248	146394	37.69	ng/ul	96
69) Hexachlorobenzene	16.492	284	164426	37.39	ng/ul	98
70) Atrazine	16.657	200	141266	36.50	ng/ul	99
71) Pentachlorophenol	16.834	266	101226	36.40	ng/ul	98
72) Phenanthrene	17.234	178	615054	37.71	ng/ul	99
74) Anthracene	17.328	178	615145	37.29	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.228	216	170988	34.38	ng/uL	97
76) Pentachlorobenzene	14.751	250	177329	32.92	ng/uL	95
77) Carbazole	17.598	167	526446	37.46	ng/ul	99
78) Di-n-butylphthalate	18.157	149	597319	40.58	ng/ul	99
80) Fluoranthene	19.204	202	830610	37.33	ng/ul	98
82) Pyrene	19.557	202	851844	37.29	ng/ul	99
83) Butylbenzylphthalate	20.433	149	263737	39.02	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.198	252	320632	37.93	ng/ul	97
85) Benzo(a)anthracene	21.263	228	864276	37.56	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	398398	39.38	ng/ul	98
87) Chrysene	21.316	228	837060	37.76	ng/ul	100
89) Di-n-octyl phthalate	22.092	149	637874	37.12	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	889625	39.91	ng/ul	100
91) Benzo(k)fluoranthene	22.939	252	855125	39.18	ng/ul	99
93) Benzo(a)pyrene	23.498	252	761719	39.76	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.986	276	970058	39.83	ng/ul	99
95) Dibenzo(a,h)anthracene	25.998	278	821177	39.95	ng/ul	99
96) Benzo(g,h,i)perylene	26.715	276	798902	40.18	ng/ul	99

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