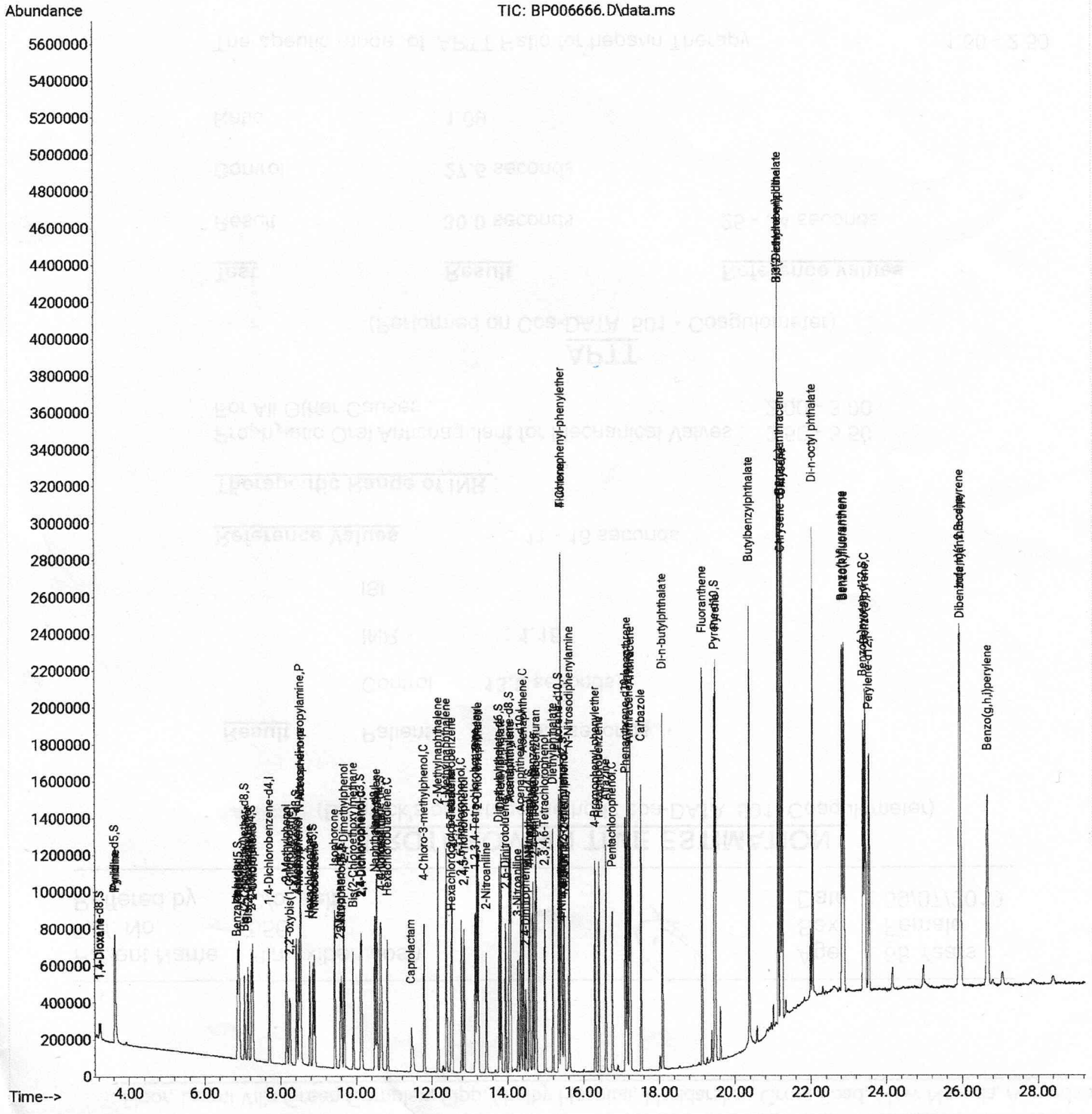
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
Data File : BP006666.D
Acq On : 12 Aug 2021 16:43
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 17:08:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 12 14:26:11 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual Integrations APPROVED
mohammad
8/13/2021 8:47:55 AM



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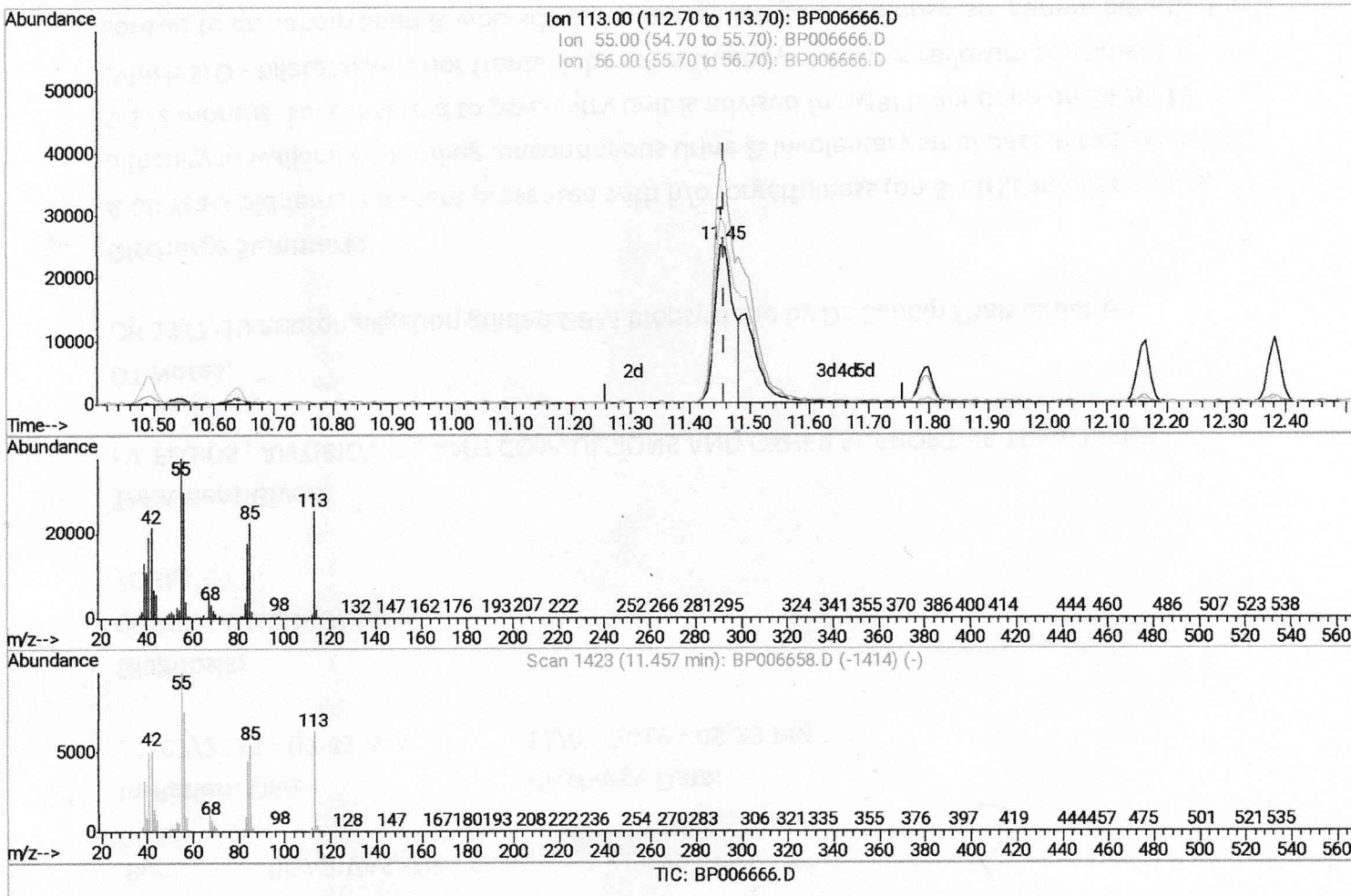

TIC: BP006666.D

(34) Caprolactam

11.451min (-0.006) 14.43ng/ul

response 54928

Ion	Exp%	Act%
113.00	100	100
55.00	159.60	149.40
56.00	120.30	118.12
0.00	0.00	0.00

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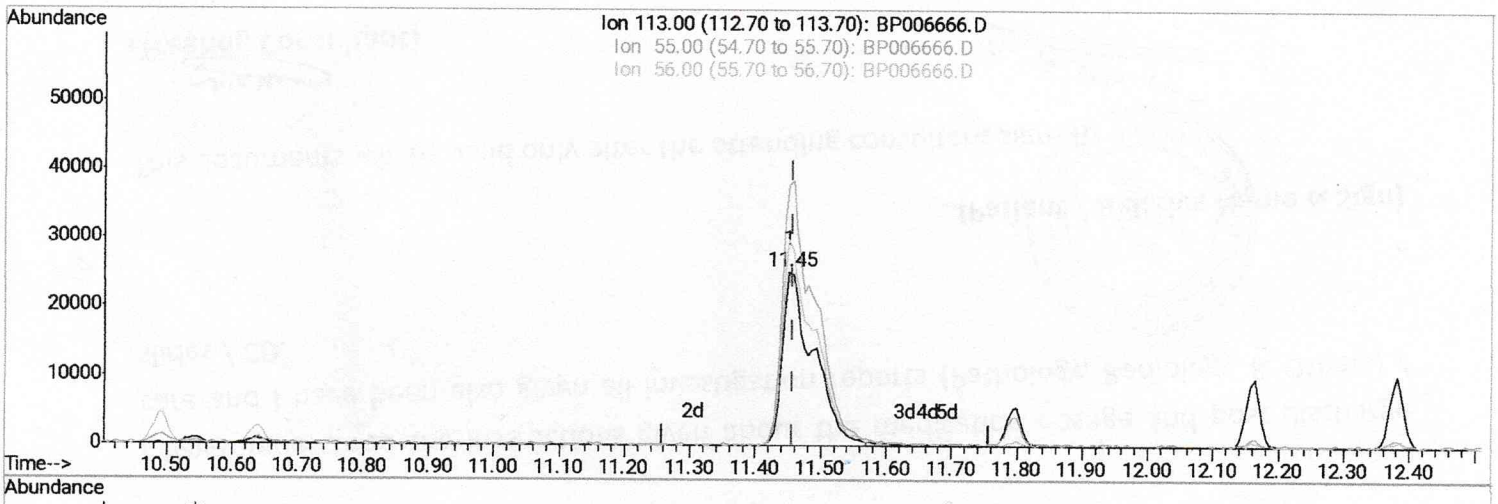

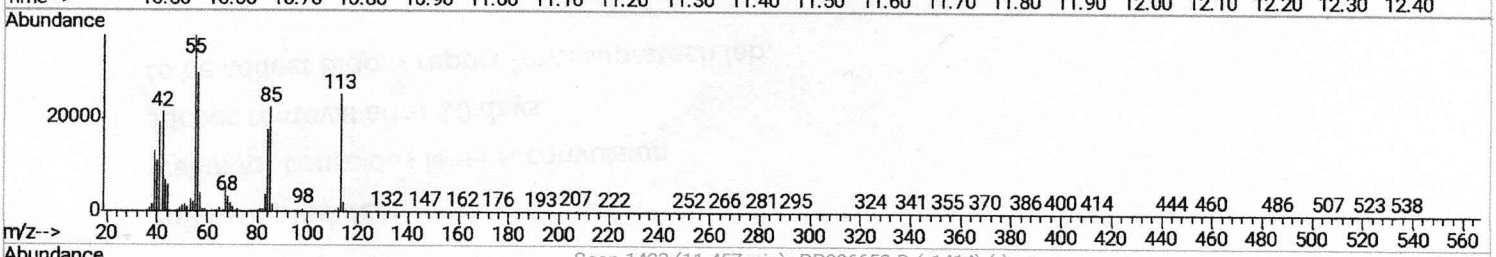

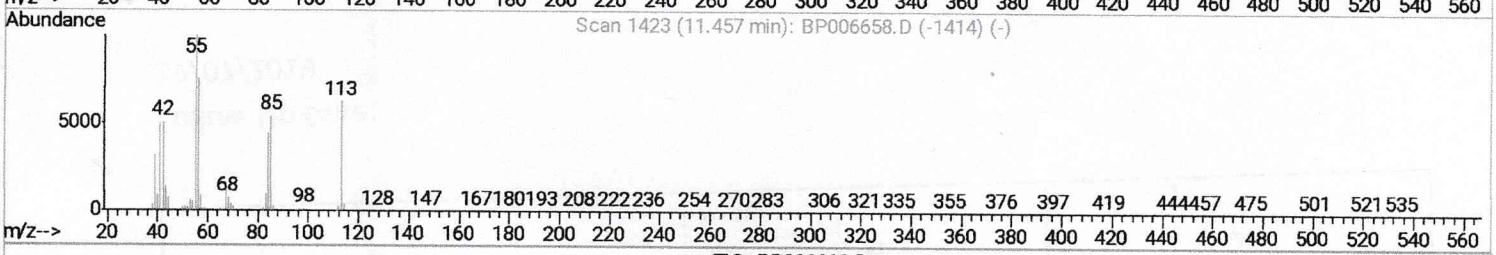

TIC: BP006666.D

(34) Caprolactam

11.451min (-0.006) 21.73ng/ul m JU 08/16/21

response 82730

Ion	Exp%	Act%
113.00	100	100
55.00	159.60	149.40
56.00	120.30	118.12
0.00	0.00	0.00

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8/13/2021 8:47:55 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	156369	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	653036	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	366486	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	739285	20.000	ng/ul	0.00
79) Chrysene-d12	21.221	240	767390	20.000	ng/ul	0.00
88) Perylene-d12	23.539	264	819075	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	43163	9.336	ng/uL	0.00
4) Pyridine-d5	3.622	84	294587	22.166	ng/ul	0.00
7) Phenol-d5	6.887	99	317581	20.203	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	202414	20.952	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	252949	21.606	ng/ul	-0.01
15) 4-Methylphenol-d8	8.422	113	250711	19.964	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	123575	22.293	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	125573	21.649	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	218409	22.286	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	342444	21.499	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	630717	22.441	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	762172	22.108	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	130120	22.164	ng/ul	0.00
60) Fluorene-d10	15.351	176	515584	22.556	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	99853	20.434	ng/ul	0.00
73) Anthracene-d10	17.210	188	785908	22.468	ng/ul	0.00
81) Pyrene-d10	19.463	212	868572	21.553	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.392	264	1005991	22.776	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	45232	9.630	ng/uL	96
5) Pyridine	3.640	79	303546	22.063	ng/ul	99
6) Benzaldehyde	6.857	77	147912	19.137	ng/ul	98
8) Phenol	6.910	94	330433	20.582	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.140	93	265930	21.491	ng/ul	98
12) 2-Chlorophenol	7.269	128	259165	21.953	ng/ul	99
13) 2-Methylphenol	8.157	108	242946	20.568	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.246	45	305515	21.131	ng/ul	100
16) Acetophenone	8.528	105	400291	20.248	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.522	70	214665	20.187	ng/ul	99
18) 4-Methylphenol	8.481	108	259939	20.242	ng/ul	96
19) Hexachloroethane	8.769	117	116331	22.644	ng/ul	95
22) Nitrobenzene	8.904	77	336717	23.201	ng/ul	100
23) Isophorone	9.434	82	606311	22.404	ng/ul	100
25) 2-Nitrophenol	9.610	139	137858	22.534	ng/ul	96
26) 2,4-Dimethylphenol	9.681	107	295500	22.484	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.922	93	352978	22.500	ng/ul	100
29) 2,4-Dichlorophenol	10.146	162	212439	22.344	ng/ul	99
30) Naphthalene	10.540	128	812398	22.922	ng/ul	100
32) 4-Chloroaniline	10.663	127	332481	21.272	ng/ul	99
33) Hexachlorobutadiene	10.822	225	131586	23.474	ng/ul	98
34) Caprolactam	11.451	113	82730m	21.735	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	268909	22.110	ng/ul	99
36) 2-Methylnaphthalene	12.163	142	532310	21.857	ng/ul	100

JY 08/16/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	512512	21.146	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	229319	23.219	ng/ul	97
40) Hexachlorocyclopentadiene	12.510	237	131293	20.263	ng/ul	99
41) 2,4,6-Trichlorophenol	12.781	196	155499	22.926	ng/ul	98
42) 2,4,5-Trichlorophenol	12.851	196	165628	22.936	ng/ul	98
43) 1,1'-Biphenyl	13.187	154	661829	23.230	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	510774	23.630	ng/ul	99
45) 2-Nitroaniline	13.439	65	176415	22.633	ng/ul	97
47) Dimethylphthalate	13.822	163	657988	23.669	ng/ul	100
48) 2,6-Dinitrotoluene	13.945	165	126261	23.532	ng/ul	97
50) Acenaphthylene	14.075	152	789178	23.417	ng/ul	99
51) 3-Nitroaniline	14.269	138	126298	20.554	ng/ul	99
52) Acenaphthene	14.416	153	562927	23.426	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	68655	19.783	ng/ul	94
55) 4-Nitrophenol	14.586	109	125224	23.787	ng/ul	99
56) Dibenzofuran	14.757	168	741426	23.076	ng/ul	96
57) 2,4-Dinitrotoluene	14.734	165	189006	23.944	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.986	232	141548	23.612	ng/ul	99
59) Diethylphthalate	15.198	149	698191	23.629	ng/ul	99
61) Fluorene	15.410	166	622215	23.225	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	283359	23.364	ng/ul	98
63) 4-Nitroaniline	15.439	138	131008	22.769	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.498	198	107740	22.056	ng/ul	98
67) N-Nitrosodiphenylamine	15.628	169	512197	22.556	ng/ul	99
68) 4-Bromophenyl-phenylether	16.310	248	167591	22.985	ng/ul	92
69) Hexachlorobenzene	16.410	284	190815	23.157	ng/ul	97
70) Atrazine	16.592	200	185382	23.012	ng/ul	99
71) Pentachlorophenol	16.763	266	120346	22.298	ng/ul	99
72) Phenanthrene	17.157	178	975350	23.353	ng/ul	99
74) Anthracene	17.245	178	993467	23.425	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.145	216	225819	22.463	ng/uL	99
76) Pentachlorobenzene	14.669	250	222500	22.464	ng/uL	98
77) Carbazole	17.527	167	899204	22.700	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1223814	23.895	ng/ul	100
80) Fluoranthene	19.139	202	1126574	22.242	ng/ul	99
82) Pyrene	19.492	202	1173698	22.435	ng/ul	99
83) Butylbenzylphthalate	20.380	149	600600	23.222	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.145	252	351467	20.071	ng/ul	98
85) Benzo(a)anthracene	21.204	228	1145631	22.920	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.145	149	915361	22.967	ng/ul	100
87) Chrysene	21.257	228	1126561	23.376	ng/ul	100
89) Di-n-octyl phthalate	22.051	149	1615015	22.810	ng/ul	100
90) Benzo(b)fluoranthene	22.833	252	1246021	23.418	ng/ul	99
91) Benzo(k)fluoranthene	22.886	252	1156796	22.456	ng/ul	99
93) Benzo(a)pyrene	23.439	252	1120031	23.237	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.939	276	1463630	23.223	ng/ul	100
95) Dibenzo(a,h)anthracene	25.956	278	1231371	23.260	ng/ul	99
96) Benzo(g,h,i)perylene	26.674	276	1222333	23.359	ng/ul	99

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