Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090821\
Data File : BP006887.D
Acq On : 08 Sep 2021 17:32
Operator : CG/JU
Sample : SSTD04018
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 09 02:00:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 01:57:53 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040618

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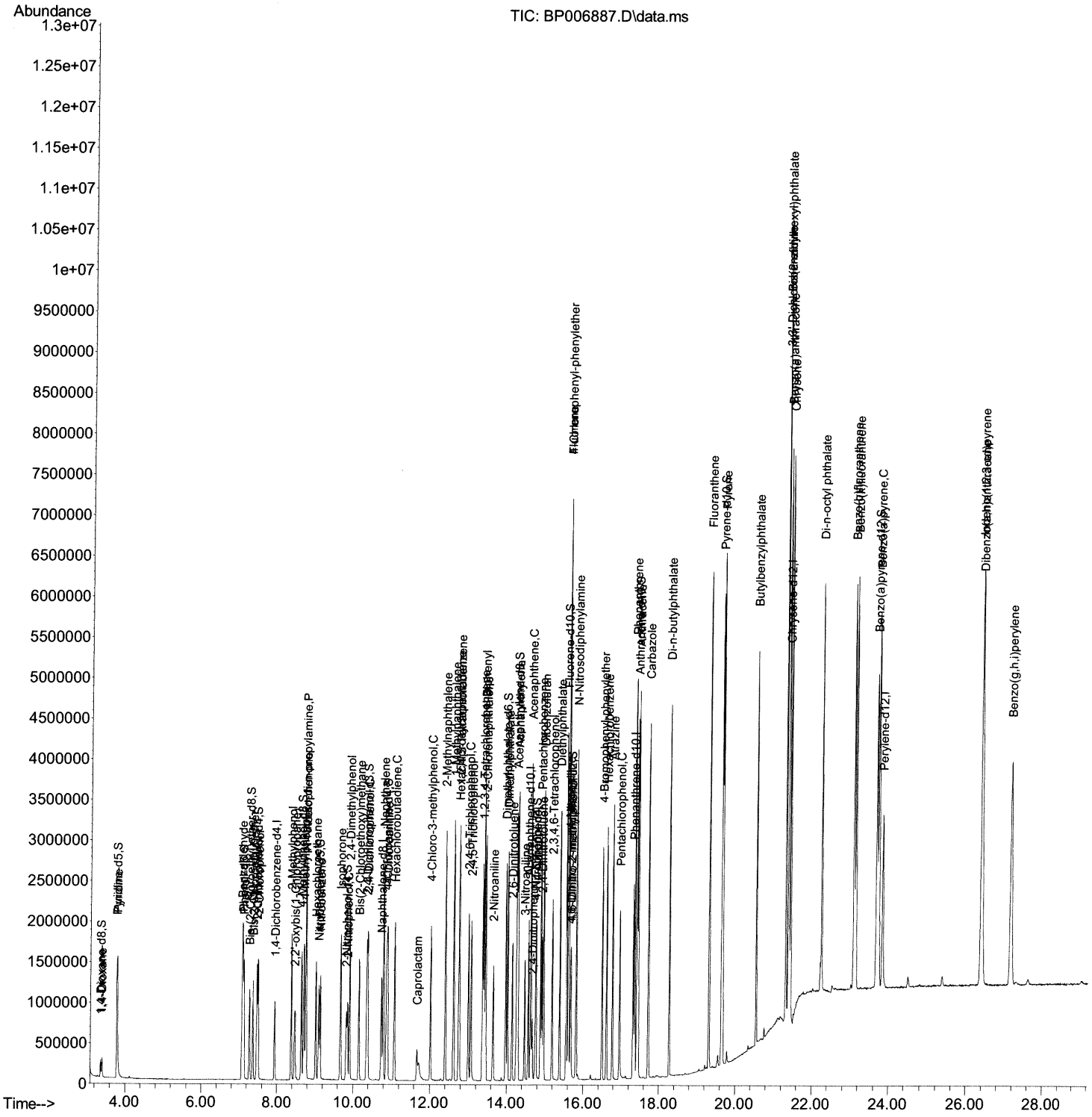

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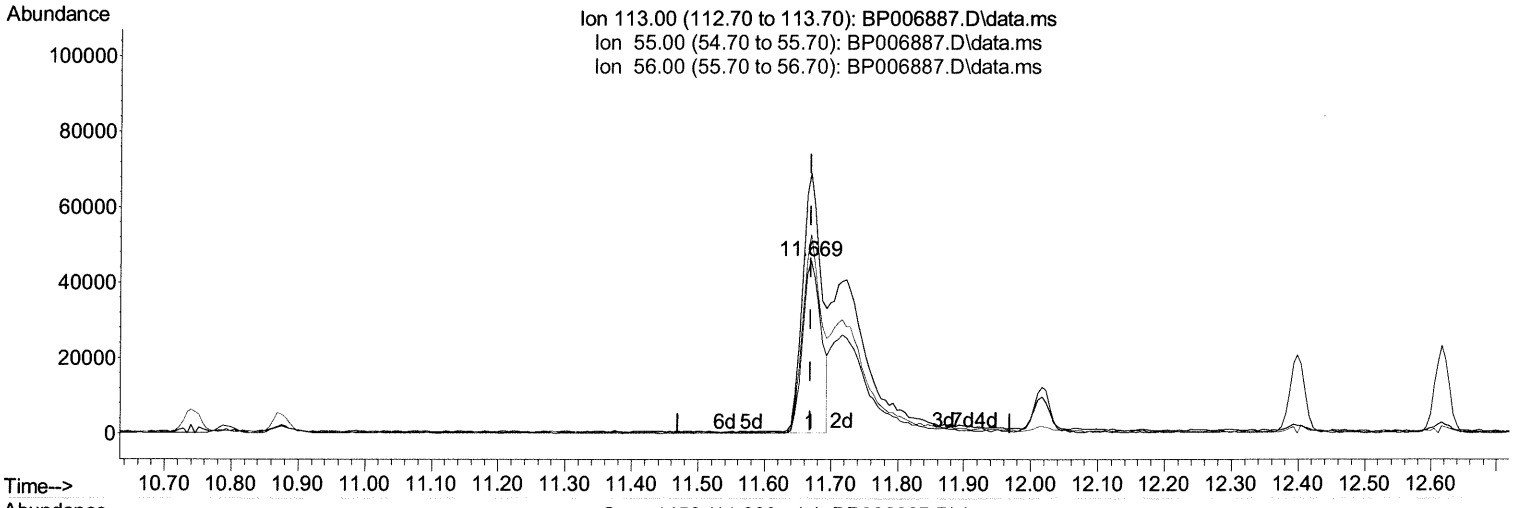

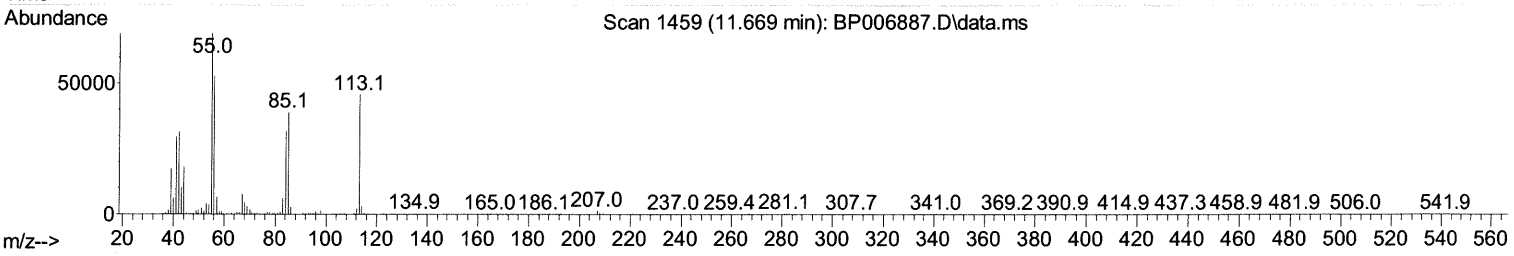

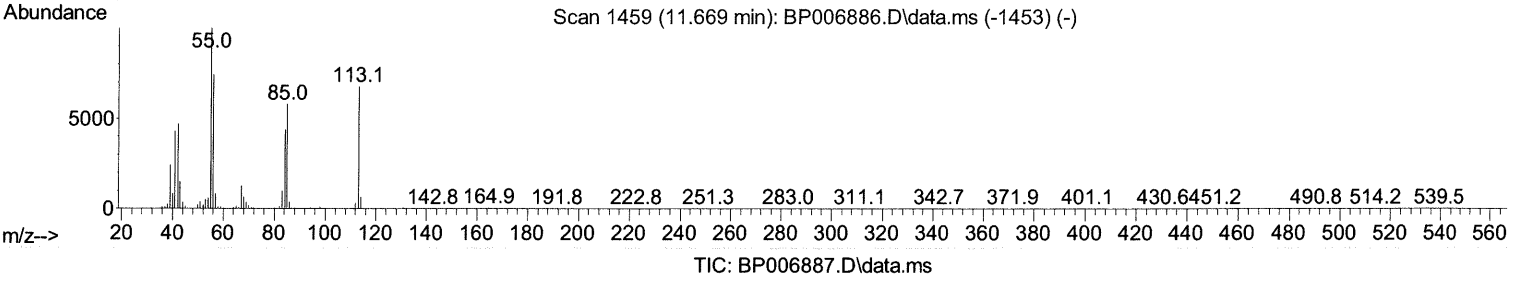

TIC: BP006887.D\data.ms

(34) Caprolactam

11.669min (0.000) 14.04 ng/ul

response 89057

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	150.60
56.00	122.70	115.14
0.00	0.00	0.00

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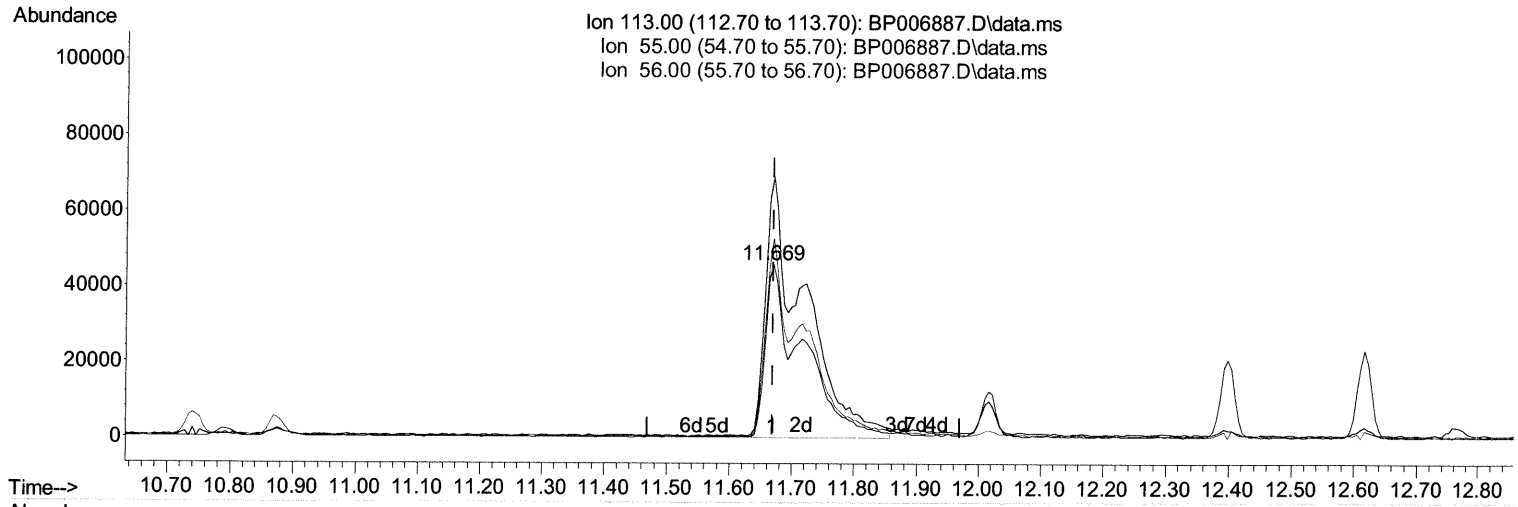

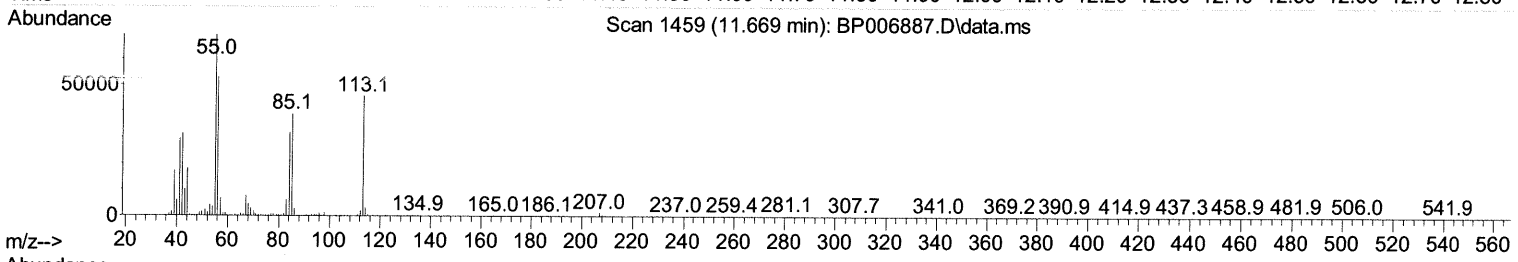

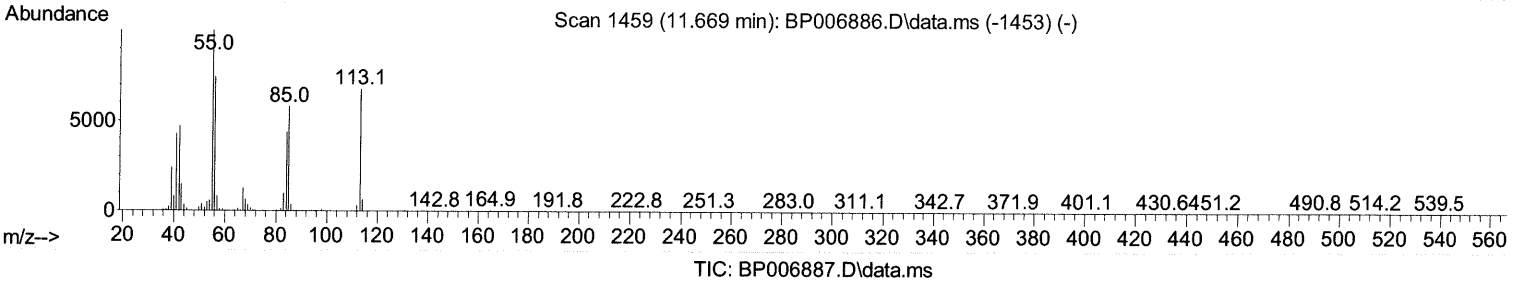

TIC: BP006887.D\data.ms

(34) Caprolactam

11.669min (0.000) 30.28 ng/ul m 9-9/13/21JU

response 192042

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	150.60
56.00	122.70	115.14
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	7.940	152	268978	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1088140	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	692049	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	1462709	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.398	240	1487062	20.000	ng/ul	0.00
88) Perylene-d12	23.833	264	1574402	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	107695	13.542	ng/uL	0.00
4) Pyridine-d5	3.781	84	739546	32.350	ng/ul	0.00
7) Phenol-d5	7.099	99	814565	30.124	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	471570	28.377	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	675340	33.534	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	648165	30.004	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	290384	31.438	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	292382	30.251	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	663197	40.613	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	889269	33.505	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	1889285	35.598	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	2404291	36.933	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	335040	30.222	ng/ul	0.00
60) Fluorene-d10	15.557	176	1633254	37.838	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	270260	27.953	ng/ul	0.00
73) Anthracene-d10	17.416	188	2526337	36.504	ng/ul	0.00
81) Pyrene-d10	19.645	212	2895710	37.081	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	3216508	37.886	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	119810	14.828	ng/uL	89
5) Pyridine	3.799	79	730394	30.863	ng/ul	88
6) Benzaldehyde	7.075	77	528657	39.763	ng/ul	90
8) Phenol	7.122	94	847921	30.704	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.363	93	677236	31.817	ng/ul	96
12) 2-Chlorophenol	7.499	128	690827	34.019	ng/ul	92
13) 2-Methylphenol	8.375	108	647453	31.865	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	789098	31.728	ng/ul	97
16) Acetophenone	8.763	105	1000553	29.422	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.752	70	476016	26.023	ng/ul#	96
18) 4-Methylphenol	8.704	108	700757	31.723	ng/ul	97
19) Hexachloroethane	9.022	117	272998	30.893	ng/ul#	80
22) Nitrobenzene	9.140	77	686780	28.400	ng/ul#	88
23) Isophorone	9.669	82	1371054	30.404	ng/ul#	94
25) 2-Nitrophenol	9.851	139	334386	32.802	ng/ul#	84
26) 2,4-Dimethylphenol	9.910	107	748520	34.180	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.151	93	880519	33.685	ng/ul	98
29) 2,4-Dichlorophenol	10.387	162	646980	40.839	ng/ul#	94
30) Naphthalene	10.793	128	2159885	36.574	ng/ul	100
32) 4-Chloroaniline	10.899	127	908966	34.901	ng/ul	100
33) Hexachlorobutadiene	11.087	225	427756	45.796	ng/ul	97
34) Caprolactam	11.669	113	192042m	30.279	ng/ul	09/13/21 JU
35) 4-Chloro-3-methylphenol	12.016	107	673463	33.232	ng/ul	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.398	142	1457451	35.915	ng/ul	99
37) 1-Methylnaphthalene	12.616	142	1493107	36.972	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	815335	43.717	ng/ul#	95
40) Hexachlorocyclopentadiene	12.751	237	524922	42.901	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	504409	39.382	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	551871	40.470	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	1974397	36.699	ng/ul#	98
44) 2-Chloronaphthalene	13.445	162	1522384	37.298	ng/ul	92
45) 2-Nitroaniline	13.645	65	351038	23.850	ng/ul#	75
47) Dimethylphthalate	14.022	163	1883250	35.875	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	356480	35.184	ng/ul#	75
50) Acenaphthylene	14.287	152	2470936	38.828	ng/ul	99
51) 3-Nitroaniline	14.463	138	369372	31.834	ng/ul	86
52) Acenaphthene	14.628	153	1603723	35.343	ng/ul	98
53) 2,4-Dinitrophenol	14.669	184	174335	26.603	ng/ul#	68
55) 4-Nitrophenol	14.763	109	246769	24.823	ng/ul#	85
56) Dibenzofuran	14.963	168	2314965	38.156	ng/ul#	86
57) 2,4-Dinitrotoluene	14.922	165	504289	33.832	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	15.187	232	451689	39.902	ng/ul#	77
59) Diethylphthalate	15.387	149	1839724	32.971	ng/ul#	94
61) Fluorene	15.610	166	1822851	36.033	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.610	204	930157	40.615	ng/ul#	80
63) 4-Nitroaniline	15.628	138	375688	34.577	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.686	198	278292	28.794	ng/ul#	74
67) N-Nitrosodiphenylamine	15.822	169	1602213	35.661	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	577345	40.021	ng/ul#	83
69) Hexachlorobenzene	16.616	284	663894	40.722	ng/ul#	87
70) Atrazine	16.775	200	613413	38.486	ng/ul	94
71) Pentachlorophenol	16.957	266	382100	35.781	ng/ul	98
72) Phenanthrene	17.357	178	2980879	36.074	ng/ul	99
74) Anthracene	17.451	178	3016046	35.943	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	847074	42.588	ng/uL	99
76) Pentachlorobenzene	14.887	250	817184	41.699	ng/uL	99
77) Carbazole	17.716	167	2736841	34.920	ng/ul	97
78) Di-n-butylphthalate	18.269	149	3150871	31.094	ng/ul#	98
80) Fluoranthene	19.322	202	3600018	36.678	ng/ul	94
82) Pyrene	19.675	202	3657490	36.078	ng/ul#	93
83) Butylbenzylphthalate	20.545	149	1394335	27.820	ng/ul#	88
84) 3,3'-Dichlorobenzidine	21.316	252	1321411	38.941	ng/ul#	98
85) Benzo(a)anthracene	21.380	228	3605933	37.228	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.310	149	2046612	26.500	ng/ul#	93
87) Chrysene	21.433	228	3523689	37.732	ng/ul	100
89) Di-n-octyl phthalate	22.245	149	3556557	26.133	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	3950254	38.624	ng/ul	97
91) Benzo(k)fluoranthene	23.139	252	3510331	35.451	ng/ul	98
93) Benzo(a)pyrene	23.727	252	3738064	40.346	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.398	276	4365608	36.037	ng/ul	99
95) Dibenzo(a,h)anthracene	26.415	278	3763872	36.989	ng/ul	97
96) Benzo(g,h,i)perylene	27.180	276	3702839	36.814	ng/ul	96

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

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