Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014889.D
Acq On : 12 Jun 2021 11:49
Operator : CG/JU
Sample : SSTD04054
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 14 01:51:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD040054

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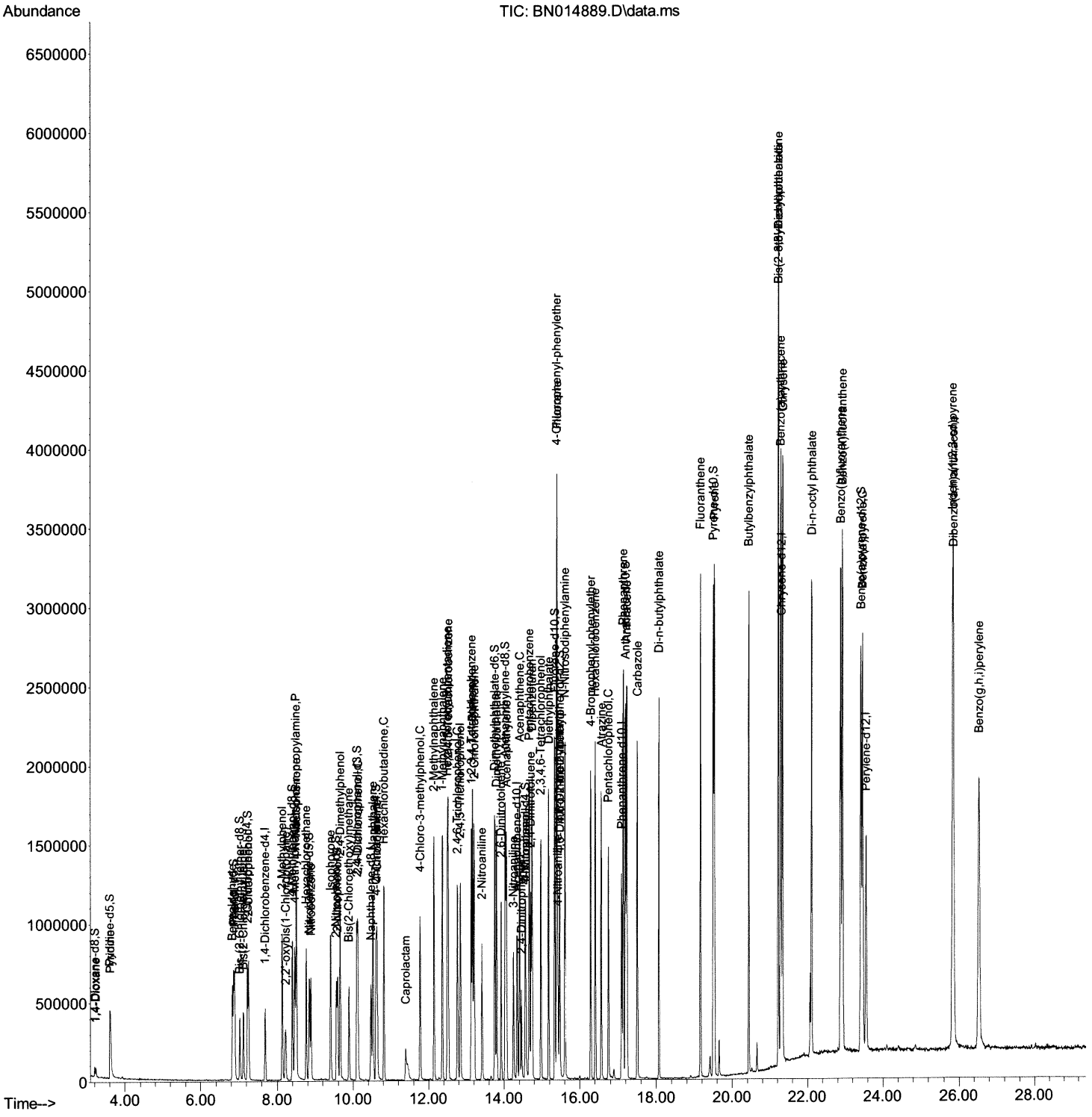

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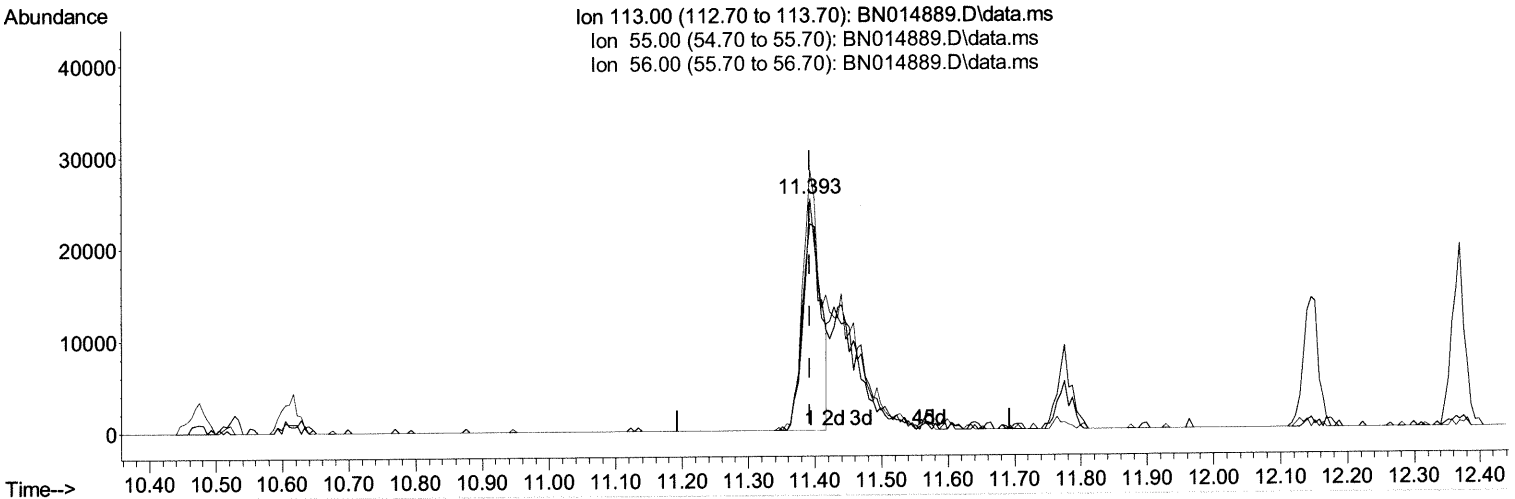

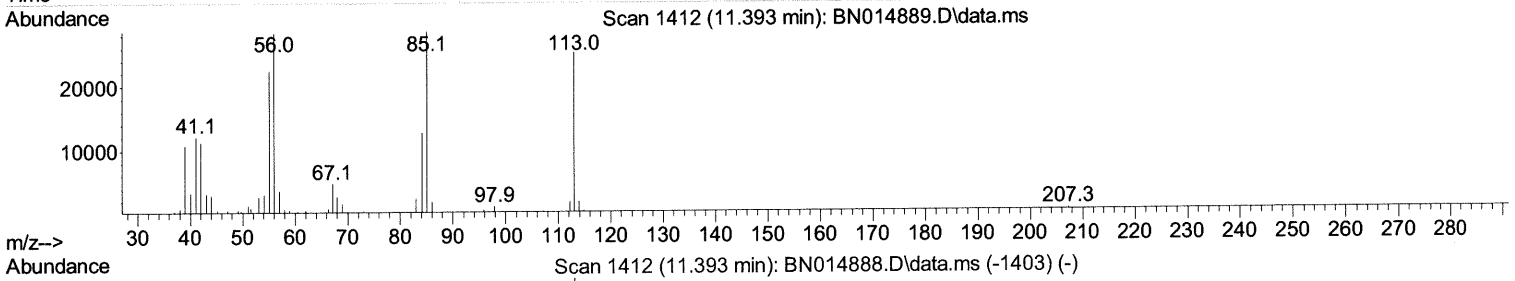

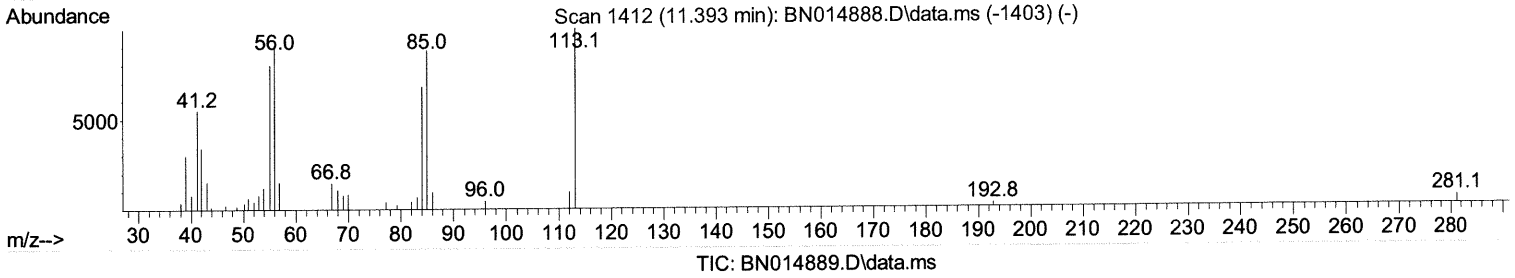

(34) Caprolactam

11.393min (+ 0.000) 18.10 ng/ul

response 43231

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	89.10#
56.00	73.20	112.29#
0.00	0.00	0.00

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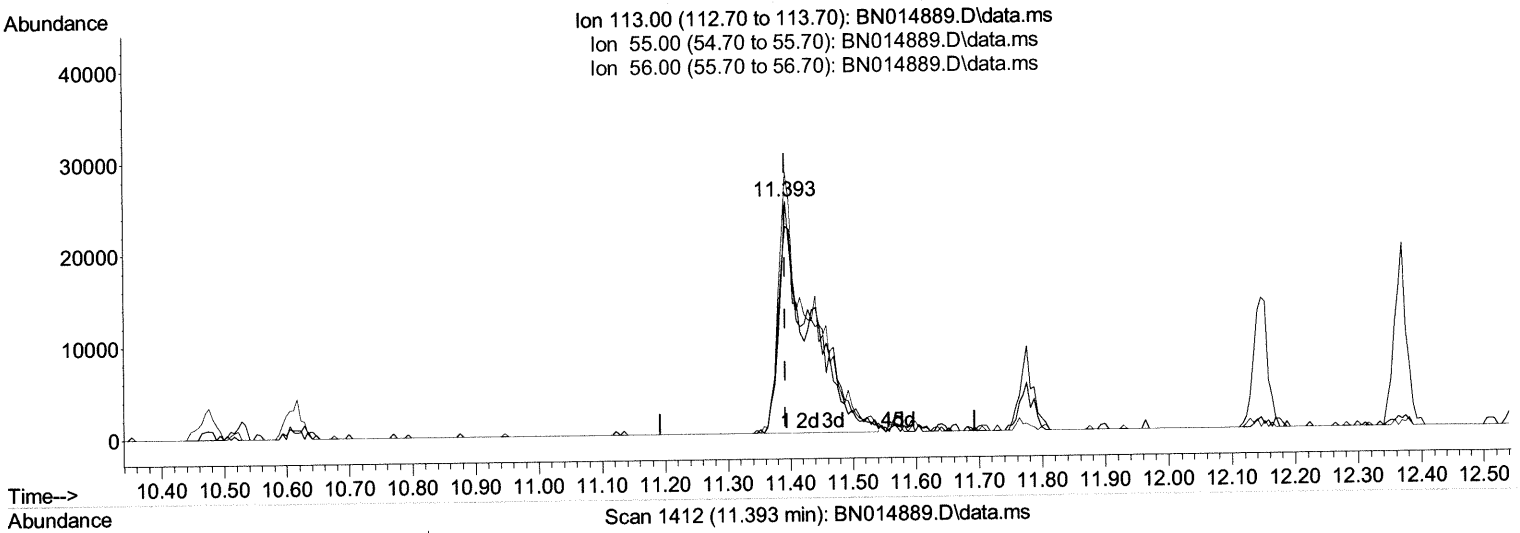

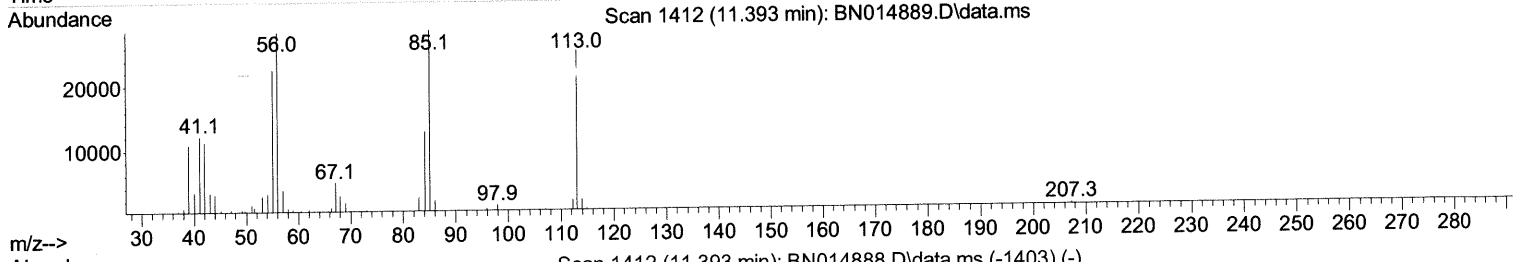

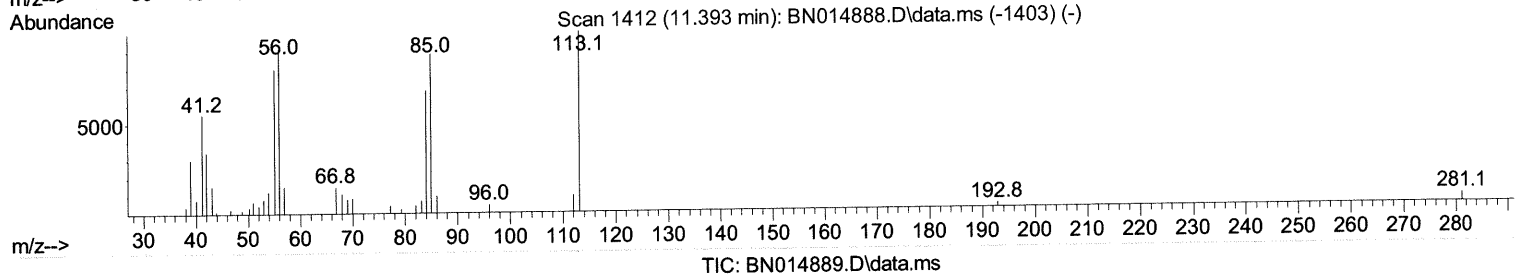

TIC: BN014889.D\data.ms

(34) Caprolactam

11.393min (+ 0.000) 36.71 ng/ul m 06/15/21 JU

response 87681

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	89.10#
56.00	73.20	112.29#
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	7.687	152	102504	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	417577	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.346	164	301888	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	711661	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	847766	20.000	ng/ul	0.00
88) Perylene-d12	23.557	264	973101	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	33575	13.339	ng/uL	0.00
4) Pyridine-d5	3.605	84	194779	30.726	ng/ul	0.00
7) Phenol-d5	6.864	99	326646	32.544	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	154152	30.886	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	263760	42.432	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	281271	36.044	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	134619	42.797	ng/ul	0.00
24) 2-Nitrophenol-d4	9.558	143	150942	44.643	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	308537	40.023	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	340578	37.474	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	973702	40.597	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	1090470	39.318	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	143873	37.760	ng/ul	0.00
60) Fluorene-d10	15.340	176	798079	38.619	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	169948	43.661	ng/ul	0.00
73) Anthracene-d10	17.198	188	1283678	38.613	ng/ul	0.00
81) Pyrene-d10	19.498	212	1558043	38.977	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.416	264	2021973	39.009	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	34105	11.541	ng/uL	95
5) Pyridine	3.623	79	199965	30.102	ng/ul#	85
6) Benzaldehyde	6.834	77	208155	38.513	ng/ul	96
8) Phenol	6.893	94	324560	31.426	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.122	93	244870	30.720	ng/ul	95
12) 2-Chlorophenol	7.258	128	271094	41.667	ng/ul	91
13) 2-Methylphenol	8.134	108	267480	35.267	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.222	45	156937	31.210	ng/ul	90
16) Acetophenone	8.505	105	447584	34.649	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.499	70	220346	35.413	ng/ul#	92
18) 4-Methylphenol	8.464	108	284945	34.447	ng/ul	94
19) Hexachloroethane	8.758	117	135289	41.533	ng/ul	90
22) Nitrobenzene	8.887	77	343458	34.986	ng/ul#	90
23) Isophorone	9.405	82	635654	34.099	ng/ul#	91
25) 2-Nitrophenol	9.593	139	157760	43.907	ng/ul	92
26) 2,4-Dimethylphenol	9.658	107	397784	35.964	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.893	93	339581	29.981	ng/ul#	97
29) 2,4-Dichlorophenol	10.128	162	296767	40.139	ng/ul	94
30) Naphthalene	10.528	128	852206	37.548	ng/ul	99
32) 4-Chloroaniline	10.634	127	355205	36.724	ng/ul	92
33) Hexachlorobutadiene	10.816	225	266973	40.384	ng/ul	96
34) Caprolactam	11.393	113	87681m	>36.706	ng/ul	>
35) 4-Chloro-3-methylphenol	11.775	107	384219	35.861	ng/ul#	95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.146	142	626271	37.018 ng/ul	96
37) 1-Methylnaphthalene	12.369	142	623117	37.462 ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.522	216	426463	37.362 ng/ul	97
40) Hexachlorocyclopentadiene	12.504	237	313967	41.521 ng/ul	94
41) 2,4,6-Trichlorophenol	12.769	196	264711	41.299 ng/ul	96
42) 2,4,5-Trichlorophenol	12.840	196	287153	41.050 ng/ul	93
43) 1,1'-Biphenyl	13.169	154	835631	38.694 ng/ul#	94
44) 2-Chloronaphthalene	13.210	162	667176	38.555 ng/ul	97
45) 2-Nitroaniline	13.416	65	212079	40.238 ng/ul	91
47) Dimethylphthalate	13.804	163	928699	39.148 ng/ul	96
48) 2,6-Dinitrotoluene	13.922	165	189556	42.999 ng/ul	97
50) Acenaphthylene	14.063	152	972387	38.133 ng/ul	98
51) 3-Nitroaniline	14.251	138	160009	37.407 ng/ul	81
52) Acenaphthene	14.410	153	713814	38.634 ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	100061	31.263 ng/ul	93
55) 4-Nitrophenol	14.575	109	236902	32.433 ng/ul	86
56) Dibenzofuran	14.746	168	1042661	37.935 ng/ul#	79
57) 2,4-Dinitrotoluene	14.710	165	301456	42.910 ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	14.975	232	266979	37.103 ng/ul#	85
59) Diethylphthalate	15.181	149	928356	40.707 ng/ul	97
61) Fluorene	15.398	166	810559	39.198 ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.393	204	450958	36.862 ng/ul#	83
63) 4-Nitroaniline	15.422	138	163263	37.575 ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.481	198	174132	45.728 ng/ul#	85
67) N-Nitrosodiphenylamine	15.610	169	737873	38.494 ng/ul	95
68) 4-Bromophenyl-phenylether	16.293	248	340011	36.690 ng/ul#	79
69) Hexachlorobenzene	16.404	284	426316	36.773 ng/ul#	93
70) Atrazine	16.569	200	340342	42.939 ng/ul	93
71) Pentachlorophenol	16.751	266	234486	35.130 ng/ul#	90
72) Phenanthrene	17.140	178	1399698	37.642 ng/ul	97
74) Anthracene	17.234	178	1433541	38.251 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.134	216	435078	36.998 ng/uL	95
76) Pentachlorobenzene	14.669	250	485603	39.926 ng/uL	97
77) Carbazole	17.504	167	1232568	39.024 ng/ul	95
78) Di-n-butylphthalate	18.075	149	1580014	42.453 ng/ul	98
80) Fluoranthene	19.163	202	1842740	39.094 ng/ul#	92
82) Pyrene	19.528	202	1854210	38.252 ng/ul#	94
83) Butylbenzylphthalate	20.439	149	747112	45.870 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.216	252	682198	42.681 ng/ul	95
85) Benzo(a)anthracene	21.280	228	1967817	37.237 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	1051479	44.788 ng/ul	96
87) Chrysene	21.333	228	1968467	36.989 ng/ul	97
89) Di-n-octyl phthalate	22.104	149	2120533	49.255 ng/ul	100
90) Benzo(b)fluoranthene	22.875	252	2278333	39.013 ng/ul	98
91) Benzo(k)fluoranthene	22.922	252	2304385	39.605 ng/ul	99
93) Benzo(a)pyrene	23.457	252	2077772	39.314 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.833	276	2776939	38.348 ng/ul	99
95) Dibenzo(a,h)anthracene	25.851	278	2222902	37.093 ng/ul	96
96) Benzo(g,h,i)perylene	26.527	276	2419381	37.751 ng/ul	95

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

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