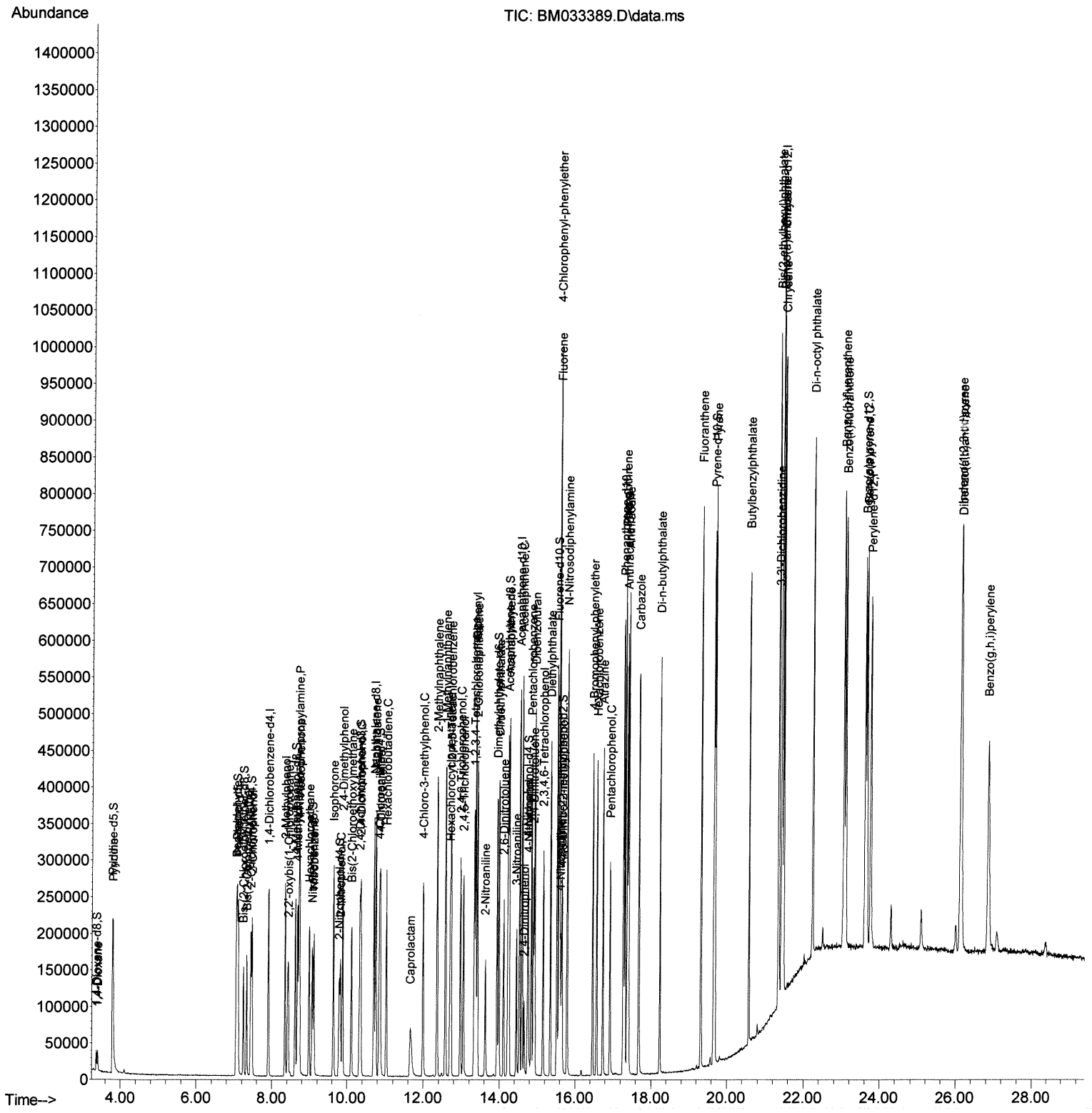
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033389.D
Acq On : 10 Dec 2021 11:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Dec 10 17:19:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:25:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



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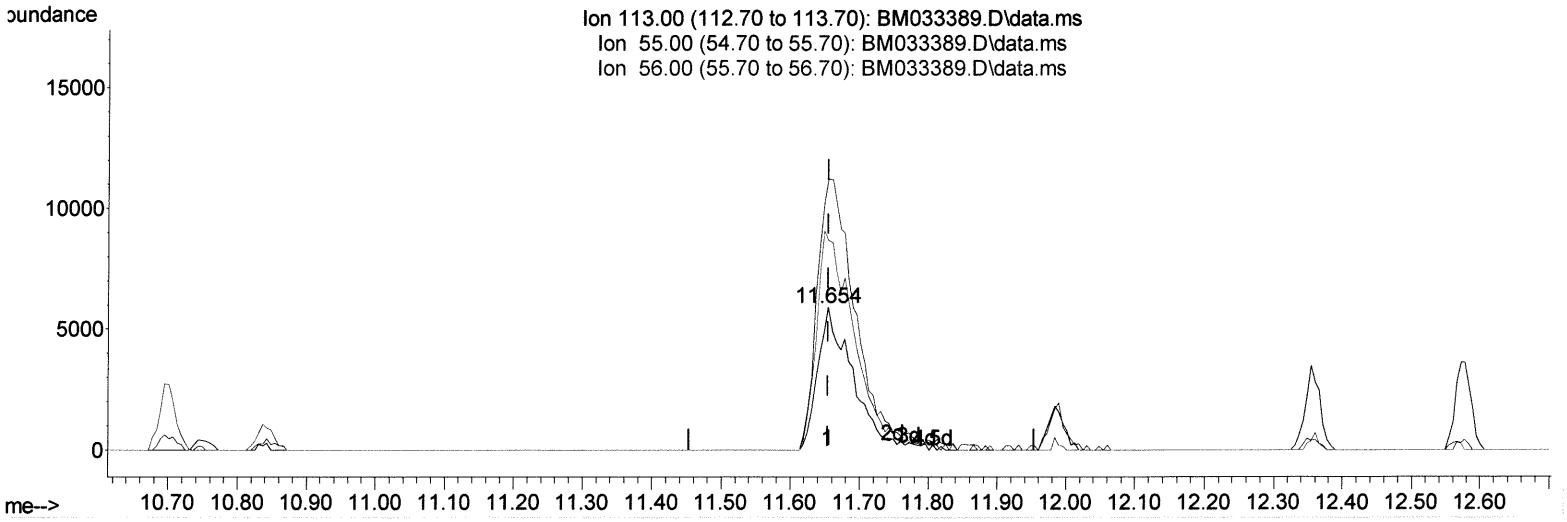

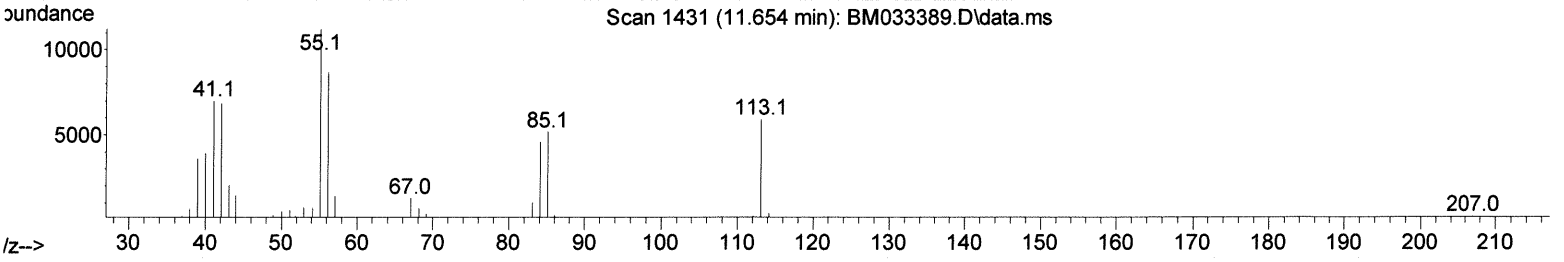

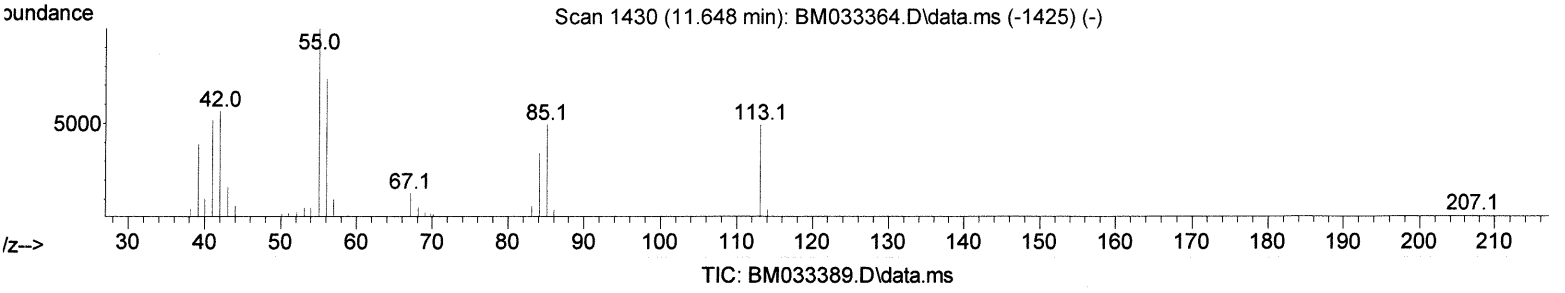

(34) Caprolactam

11.654min (+ 0.000) 8.59 ng/ul

response 11939

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	190.05
56.00	164.70	147.04
0.00	0.00	0.00

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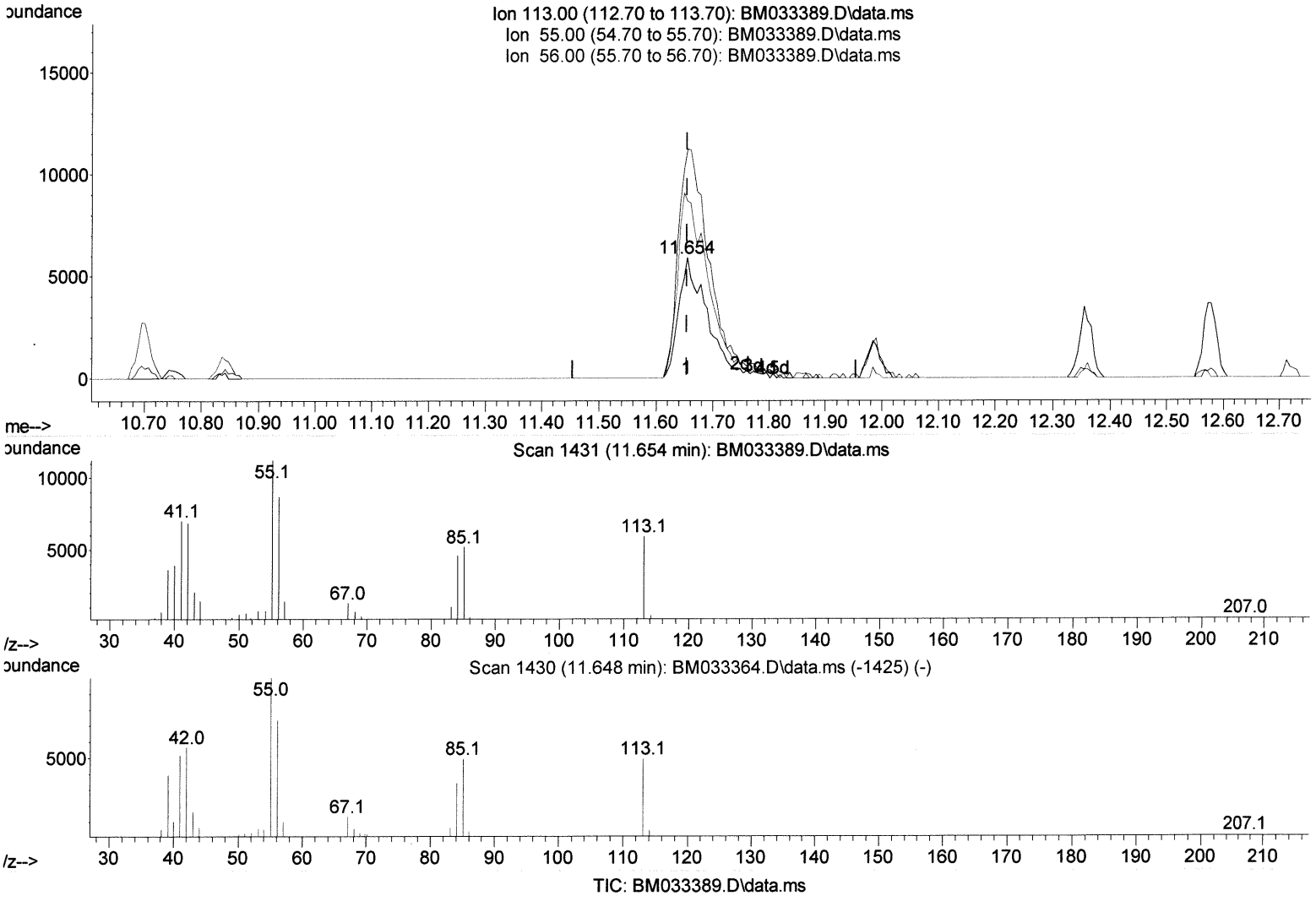

(34) Caprolactam

11.654min (+ 0.000) 14.55 ng/ul m JU 12/28/21

response 20218

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	190.05
56.00	164.70	147.04
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	62193	20.000	ng/ul	0.00
20) Naphthalene-d8	10.701	136	258768	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.530	164	169655	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.271	188	359741	20.000	ng/ul	0.00
79) Chrysene-d12	21.430	240	352758	20.000	ng/ul	0.00
88) Perylene-d12	23.753	264	337569	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	12461	7.529	ng/uL	0.00
4) Pyridine-d5	3.784	84	83527	17.407	ng/ul	0.00
7) Phenol-d5	7.072	99	100495	17.064	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.237	67	69333	17.983	ng/ul	0.00
11) 2-Chlorophenol-d4	7.437	132	74293	18.018	ng/ul	-0.01
15) 4-Methylphenol-d8	8.613	113	78359	16.999	ng/ul	0.00
21) Nitrobenzene-d5	9.066	128	30421	14.488	ng/ul	0.00
24) 2-Nitrophenol-d4	9.784	143	31005	14.393	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.325	165	76346	18.753	ng/ul	0.00
31) 4-Chloroaniline-d4	10.842	131	103408	17.132	ng/ul	0.00
46) Dimethylphthalate-d6	13.942	166	231693	18.278	ng/ul	0.00
49) Acenaphthylene-d8	14.225	160	300182	19.103	ng/ul	0.00
54) 4-Nitrophenol-d4	14.742	143	35077	15.240	ng/ul	0.00
60) Fluorene-d10	15.519	176	210529	18.567	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	29023	13.367	ng/ul	0.00
73) Anthracene-d10	17.366	188	336877	18.948	ng/ul	0.00
81) Pyrene-d10	19.654	212	377805	19.163	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.606	264	337934	18.469	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	12654	6.869	ng/uL	92
5) Pyridine	3.802	79	84169	17.031	ng/ul	96
6) Benzaldehyde	7.054	77	71608	21.825	ng/ul	89
8) Phenol	7.102	94	103142	17.003	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.331	93	80164	17.566	ng/ul	99
12) 2-Chlorophenol	7.472	128	79192	18.573	ng/ul	96
13) 2-Methylphenol	8.348	108	73985	16.823	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.431	45	140472	17.839	ng/ul	98
16) Acetophenone	8.731	105	132054	17.294	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.713	70	64572	15.470	ng/ul	99
18) 4-Methylphenol	8.678	108	82267	17.097	ng/ul	98
19) Hexachloroethane	8.978	117	37694	17.499	ng/ul	95
22) Nitrobenzene	9.107	77	105843	17.218	ng/ul	96
23) Isophorone	9.631	82	185488	17.621	ng/ul	99
25) 2-Nitrophenol	9.819	139	37619	16.472	ng/ul	97
26) 2,4-Dimethylphenol	9.878	107	101601	18.348	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.113	93	110497	18.664	ng/ul	97
29) 2,4-Dichlorophenol	10.348	162	76702	18.612	ng/ul	94
30) Naphthalene	10.748	128	270358	18.748	ng/ul	98
32) 4-Chloroaniline	10.866	127	108891	17.950	ng/ul	99
33) Hexachlorobutadiene	11.025	225	55026	18.241	ng/ul	95
34) Caprolactam	11.654	113	20218m	14.547	ng/ul	
35) 4-Chloro-3-methylphenol	11.984	107	87205	18.027	ng/ul	91

12/20/21

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.354	142	178164	18.218 ng/ul	98
37) 1-Methylnaphthalene	12.578	142	185806	18.283 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.719	216	98168	19.205 ng/ul	100
40) Hexachlorocyclopentadiene	12.695	237	60512	18.138 ng/ul	99
41) 2,4,6-Trichlorophenol	12.966	196	57777	19.203 ng/ul	99
42) 2,4,5-Trichlorophenol	13.042	196	63248	19.404 ng/ul	92
43) 1,1'-Biphenyl	13.366	154	249053	19.189 ng/ul	98
44) 2-Chloronaphthalene	13.407	162	189905	19.017 ng/ul	96
45) 2-Nitroaniline	13.619	65	45277	12.714 ng/ul	97
47) Dimethylphthalate	13.983	163	233477	18.550 ng/ul	100
48) 2,6-Dinitrotoluene	14.113	165	34519	14.188 ng/ul	92
50) Acenaphthylene	14.254	152	313951	19.189 ng/ul	99
51) 3-Nitroaniline	14.442	138	38144	15.928 ng/ul	97
52) Acenaphthene	14.595	153	208926	19.241 ng/ul	96
53) 2,4-Dinitrophenol	14.648	184	16683	11.668 ng/ul#	89
55) 4-Nitrophenol	14.754	109	39085	15.712 ng/ul	95
56) Dibenzofuran	14.930	168	299103	18.995 ng/ul	96
57) 2,4-Dinitrotoluene	14.895	165	58667	16.414 ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.154	232	52739	19.033 ng/ul	99
59) Diethylphthalate	15.342	149	237370	18.171 ng/ul	99
61) Fluorene	15.577	166	241657	18.665 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.572	204	118980	18.422 ng/ul	93
63) 4-Nitroaniline	15.607	138	41703	16.957 ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.654	198	30531	14.116 ng/ul#	95
67) N-Nitrosodiphenylamine	15.783	169	203117	19.203 ng/ul	99
68) 4-Bromophenyl-phenylether	16.460	248	68061	18.784 ng/ul	96
69) Hexachlorobenzene	16.571	284	77085	18.464 ng/ul	98
70) Atrazine	16.730	200	68046	16.213 ng/ul	97
71) Pentachlorophenol	16.919	266	44726	19.105 ng/ul	96
72) Phenanthrene	17.313	178	387960	18.694 ng/ul	99
74) Anthracene	17.401	178	391558	18.610 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.331	216	100881	19.444 ng/uL	98
76) Pentachlorobenzene	14.842	250	97906	19.109 ng/uL	97
77) Carbazole	17.677	167	341627	17.964 ng/ul	99
78) Di-n-butylphthalate	18.224	149	372469	17.455 ng/ul	99
80) Fluoranthene	19.318	202	445420	19.167 ng/ul	99
82) Pyrene	19.683	202	465770	19.145 ng/ul	99
83) Butylbenzylphthalate	20.571	149	156742	16.819 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.354	252	128432	16.018 ng/ul	96
85) Benzo(a)anthracene	21.418	228	428142	18.473 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.336	149	230269	17.192 ng/ul	99
87) Chrysene	21.471	228	422056	18.528 ng/ul	99
89) Di-n-octyl phthalate	22.236	149	400043	16.163 ng/ul	100
90) Benzo(b)fluoranthene	23.048	252	424926	18.372 ng/ul	99
91) Benzo(k)fluoranthene	23.095	252	404041	18.867 ng/ul	99
93) Benzo(a)pyrene	23.653	252	412246	18.576 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.118	276	429399	17.792 ng/ul	98
95) Dibenzo(a,h)anthracene	26.136	278	375662	17.894 ng/ul	99
96) Benzo(g,h,i)perylene	26.847	276	361535	17.563 ng/ul	100

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