Quantitation Report (Qedit)

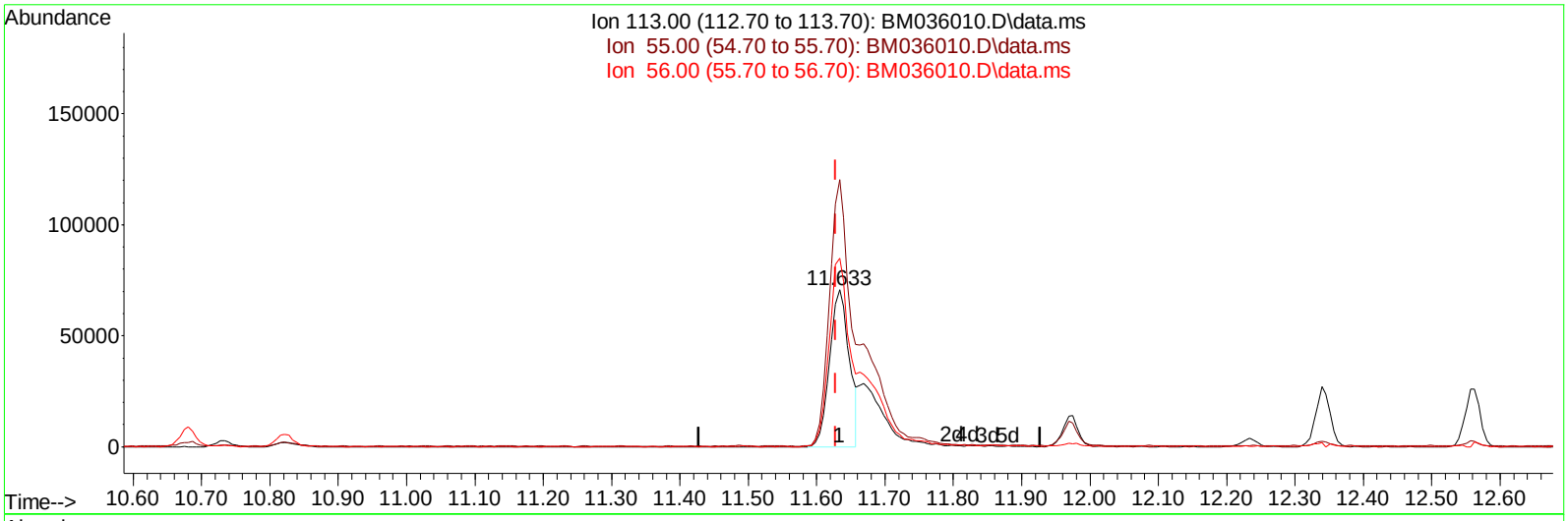
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
Data File : BM036010.D
Acq On : 30 Jul 2022 01:48
Operator : CG/JU
Sample : PB146355BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

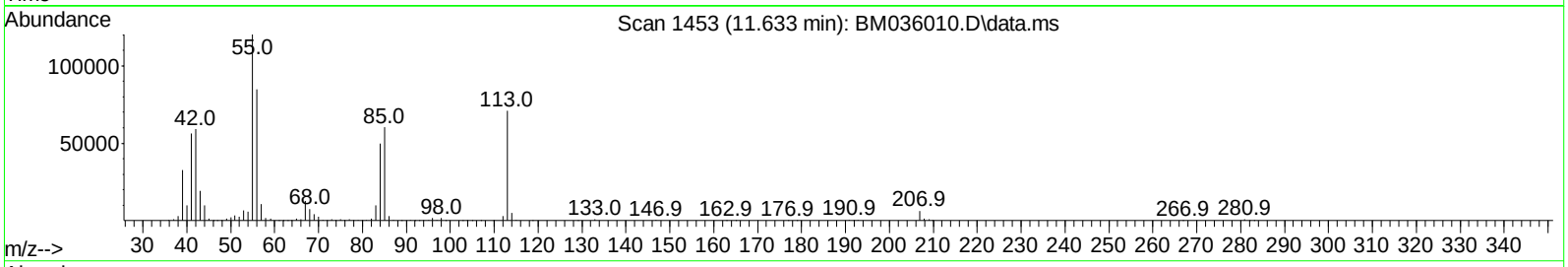
Quant Time: Jul 30 02:29:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 00:20:59 2022
Response via : Initial Calibration

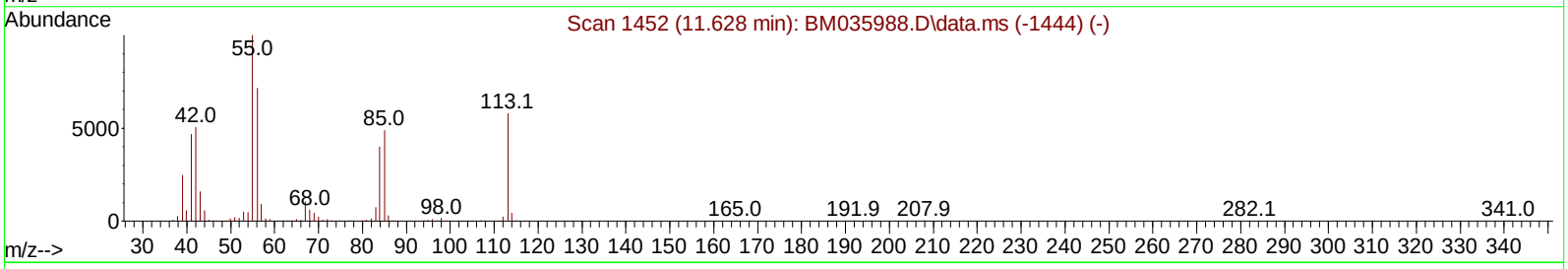
Instrument :
BNA_M
ClientSampleId :
SLCS355

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/01/2022
Supervised By :mohammad ahmed 08/01/2022







TIC: BM036010.D\data.ms

(34) Caprolactam

11.633min (+ 0.006) 22.48 ng/ul

response 141766

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	169.65
56.00	127.60	119.99
0.00	0.00	0.00

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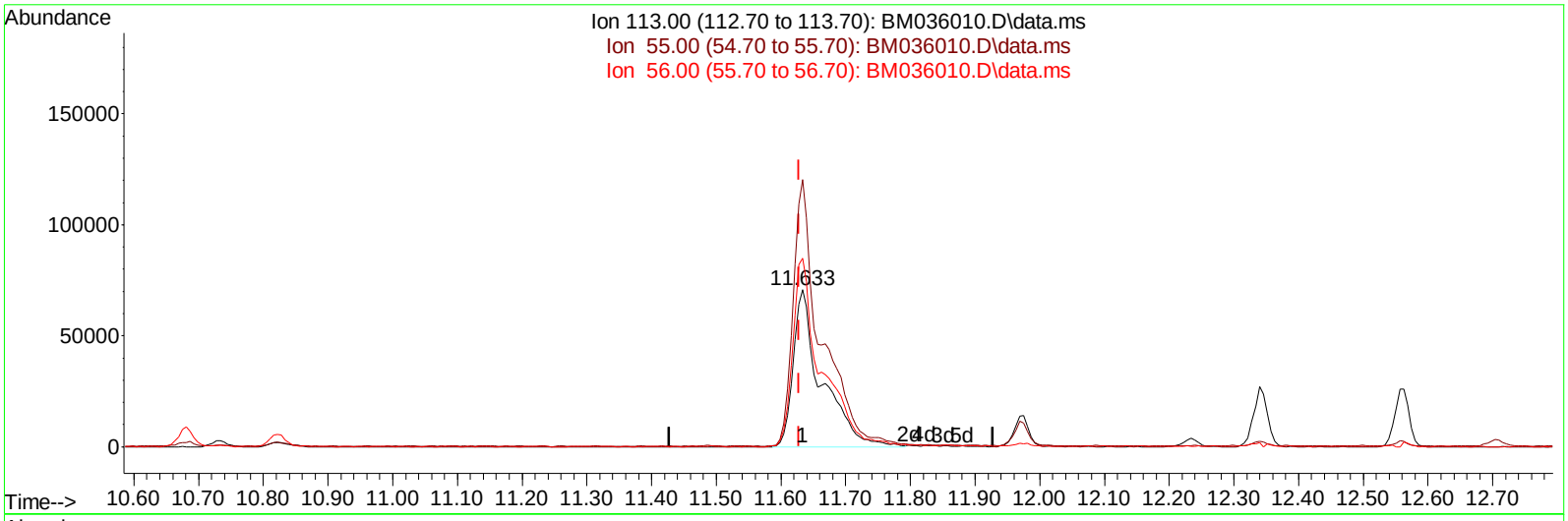

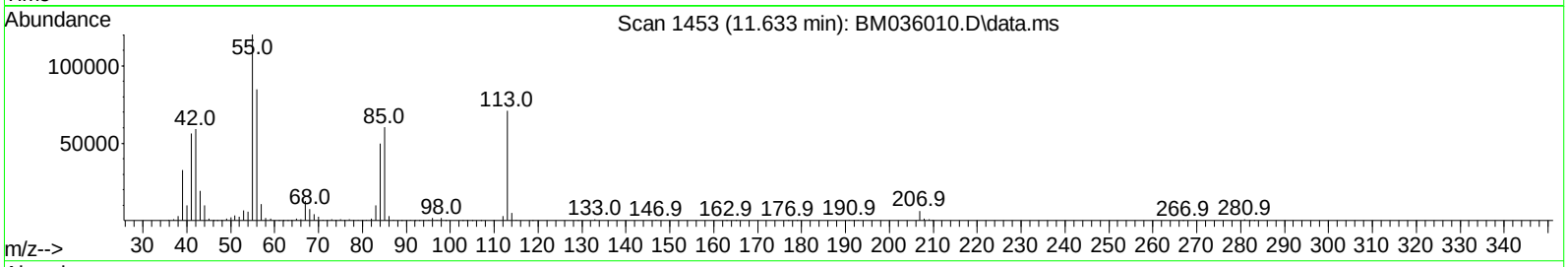

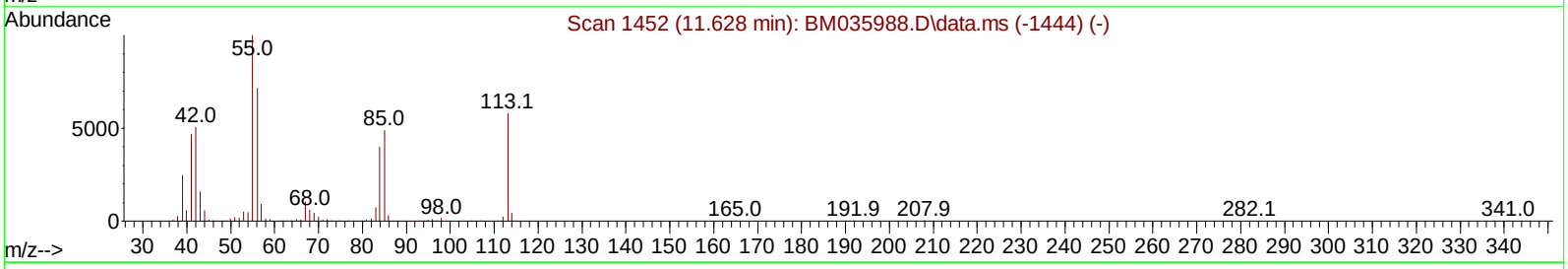

TIC: BM036010.D\data.ms

(34) Caprolactam

11.633min (+ 0.006) 34.30 ng/ul m

response 216248

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	169.65
56.00	127.60	119.99
0.00	0.00	0.00

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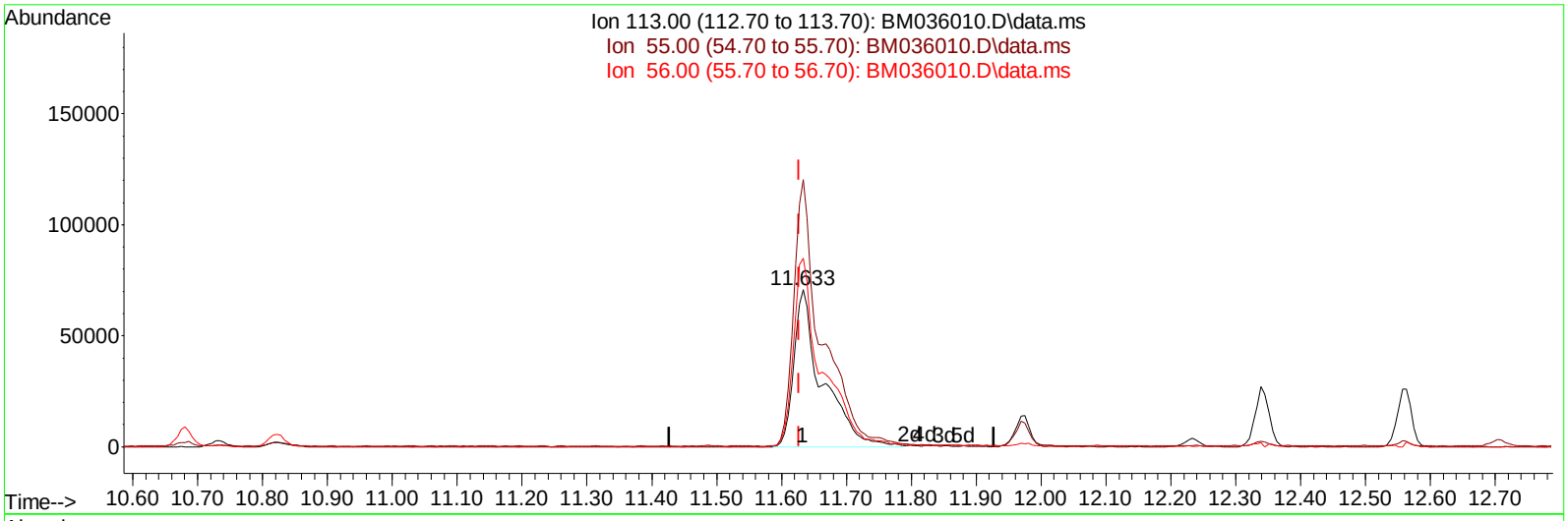

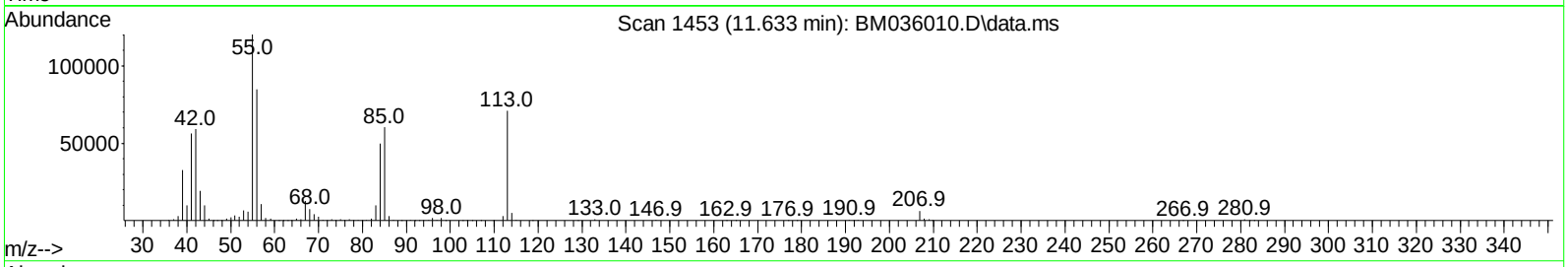

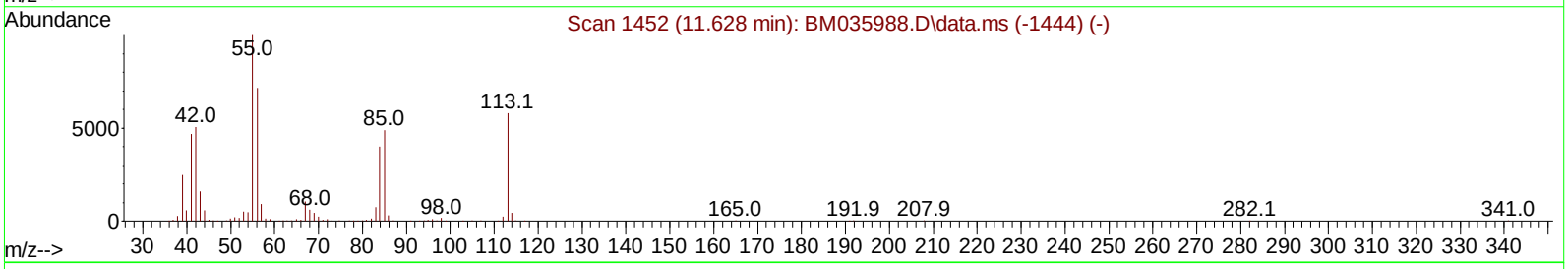

TIC: BM036010.D\data.ms

(34) Caprolactam

11.633min (+ 0.006) 34.27 ng/ul m

response 216064

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	169.65
56.00	127.60	119.99
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	7.875	152	312828	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	1316388	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	757201	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1495873	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	1410529	20.000	ng/ul	# 0.00
88) Perylene-d12	23.797	264	1380678	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	52270	6.287	ng/uL	0.00
4) Pyridine-d5	3.687	84	716781	31.472	ng/ul	-0.01
7) Phenol-d5	7.040	99	891109	33.968	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	574883	32.872	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	775615	35.619	ng/ul	0.00
15) 4-Methylphenol-d8	8.592	113	687553	32.352	ng/ul	0.00
21) Nitrobenzene-d5	9.045	128	370298	35.499	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	378126	37.207	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	672565	36.591	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	980803	31.520	ng/ul	0.00
46) Dimethylphthalate-d6	13.927	166	1845617	35.782	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	2413327	36.672	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	353835	33.407	ng/ul	0.00
60) Fluorene-d10	15.504	176	1642625	35.243	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	270039	33.584	ng/ul	0.00
73) Anthracene-d10	17.351	188	2422572	35.821	ng/ul	0.00
81) Pyrene-d10	19.639	212	2744408	35.106	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.644	264	2562122	36.552	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	121450	14.097	ng/uL	94
5) Pyridine	3.710	79	802472	33.576	ng/ul	87
6) Benzaldehyde	7.016	77	624174	56.690	ng/ul	96
8) Phenol	7.069	94	1003975	34.971	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.304	93	831239	36.015	ng/ul	96
12) 2-Chlorophenol	7.440	128	834902	37.376	ng/ul	97
13) 2-Methylphenol	8.322	108	746061	34.786	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.416	45	1085196	35.621	ng/ul	97
16) Acetophenone	8.704	105	1191876	34.930	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.698	70	590449	34.700	ng/ul	94
18) 4-Methylphenol	8.657	108	793919	34.507	ng/ul	96
19) Hexachloroethane	8.957	117	359927	39.053	ng/ul	92
22) Nitrobenzene	9.087	77	895408	37.511	ng/ul	97
23) Isophorone	9.616	82	1632209	36.223	ng/ul	97
25) 2-Nitrophenol	9.798	139	435159	38.596	ng/ul	98
26) 2,4-Dimethylphenol	9.857	107	784923	34.070	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.098	93	1049275	36.922	ng/ul	100
29) 2,4-Dichlorophenol	10.328	162	714005	37.426	ng/ul	99
30) Naphthalene	10.733	128	2601772	37.445	ng/ul	100
32) 4-Chloroaniline	10.845	127	1013371	32.784	ng/ul	100
33) Hexachlorobutadiene	11.010	225	460464	39.097	ng/ul	99
34) Caprolactam	11.633	113	216064m	34.268	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	727334	36.665	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.339	142	1652328	36.347	ng/ul	99
37) 1-Methylnaphthalene	12.563	142	1667664	36.395	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.704	216	820919	38.086	ng/ul	99
40) Hexachlorocyclopentadiene	12.686	237	491413	34.232	ng/ul	97
41) 2,4,6-Trichlorophenol	12.951	196	534559	38.754	ng/ul	99
42) 2,4,5-Trichlorophenol	13.022	196	579225	39.355	ng/ul	99
43) 1,1'-Biphenyl	13.351	154	2148599	36.866	ng/ul	99
44) 2-Chloronaphthalene	13.392	162	1695054	37.897	ng/ul	99
45) 2-Nitroaniline	13.604	65	461235	37.404	ng/ul	96
47) Dimethylphthalate	13.980	163	1987702	38.312	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	411217	39.922	ng/ul	95
50) Acenaphthylene	14.233	152	2638483	36.243	ng/ul	99
51) 3-Nitroaniline	14.427	138	456169	40.072	ng/ul	98
52) Acenaphthene	14.574	153	1788872	37.877	ng/ul	99
53) 2,4-Dinitrophenol	14.627	184	191605	32.762	ng/ul	98
55) 4-Nitrophenol	14.733	109	278307	34.356	ng/ul	86
56) Dibenzofuran	14.910	168	2416738	36.983	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	571433	39.356	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.133	232	468906	40.549	ng/ul#	94
59) Diethylphthalate	15.339	149	2047576	39.018	ng/ul	99
61) Fluorene	15.557	166	1995568	37.383	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.557	204	975685	38.148	ng/ul	95
63) 4-Nitroaniline	15.586	138	470683	44.912	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.639	198	289458	35.976	ng/ul#	97
67) N-Nitrosodiphenylamine	15.768	169	1635907	37.199	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	585407	39.919	ng/ul	99
69) Hexachlorobenzene	16.557	284	688228	38.517	ng/ul	99
70) Atrazine	16.721	200	527752	34.599	ng/ul	99
71) Pentachlorophenol	16.898	266	400483	36.688	ng/ul	99
72) Phenanthrene	17.292	178	3027186	37.757	ng/ul	98
74) Anthracene	17.386	178	3083876	38.333	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	841102	36.158	ng/uL	99
76) Pentachlorobenzene	14.827	250	803419	38.101	ng/uL	100
77) Carbazole	17.657	167	2790127	37.550	ng/ul	99
78) Di-n-butylphthalate	18.227	149	3611918	43.084	ng/ul	100
80) Fluoranthene	19.309	202	3455436	36.996	ng/ul	98
82) Pyrene	19.668	202	3585394	37.243	ng/ul	98
83) Butylbenzylphthalate	20.574	149	1542837	44.063	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.350	252	1173609	45.089	ng/ul	99
85) Benzo(a)anthracene	21.415	228	3485648	39.261	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	2315470	45.767	ng/ul	99
87) Chrysene	21.468	228	3263473	37.674	ng/ul	99
89) Di-n-octyl phthalate	22.262	149	3708375	41.592	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	3500970	37.995	ng/ul	98
91) Benzo(k)fluoranthene	23.121	252	3449324	39.449	ng/ul	98
93) Benzo(a)pyrene	23.691	252	3076774	35.057	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.262	276	3956203	42.290	ng/ul	94
95) Dibenzo(a,h)anthracene	26.280	278	3316628	41.324	ng/ul	96
96) Benzo(g,h,i)perylene	27.021	276	3260940	42.064	ng/ul	95

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

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