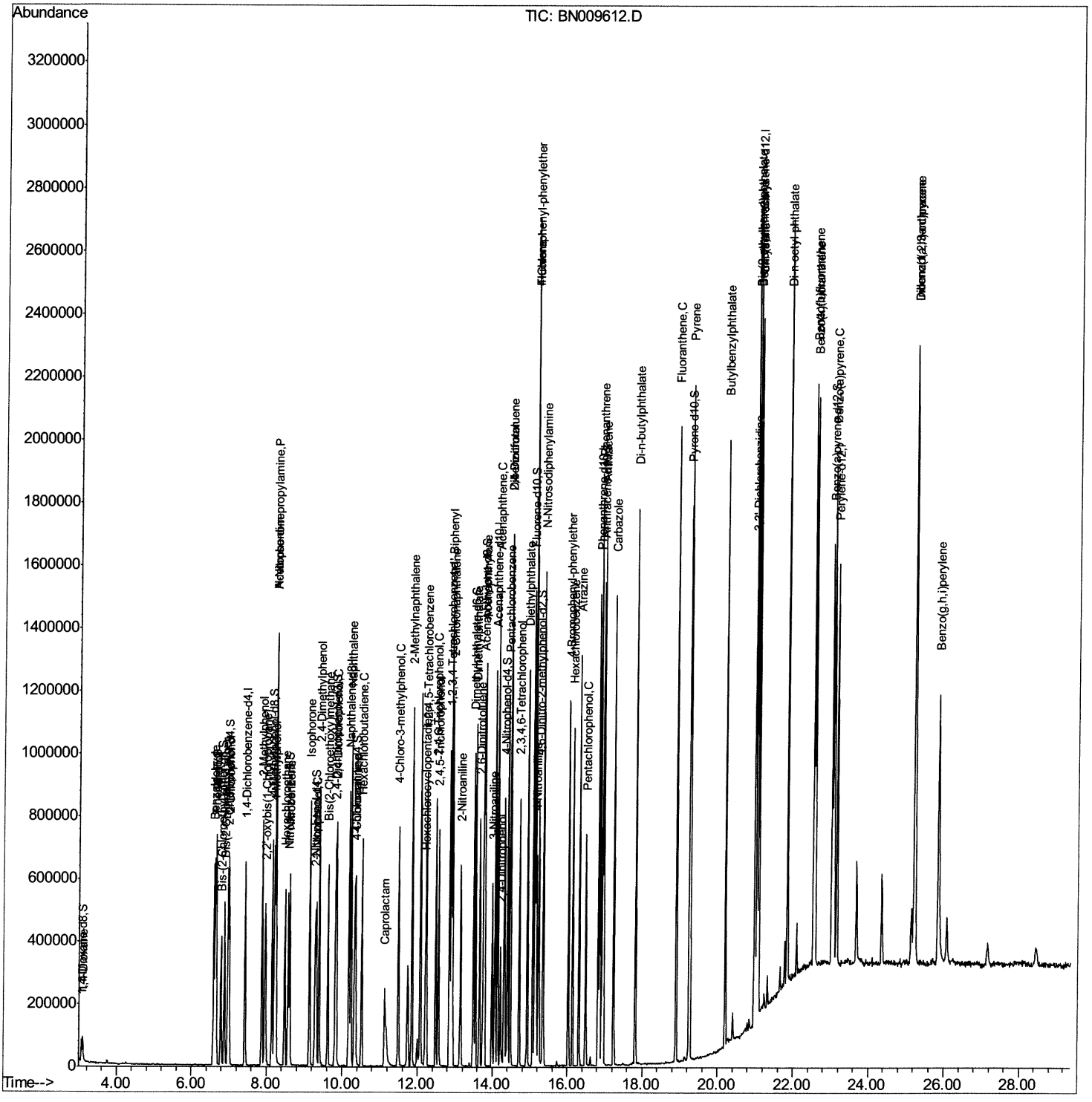
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009612.D
Acq On : 06 Feb 2020 16:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 06 21:17:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02058

Manual Integrations APPROVED
mohammad
2/10/2020 8:19:16 AM



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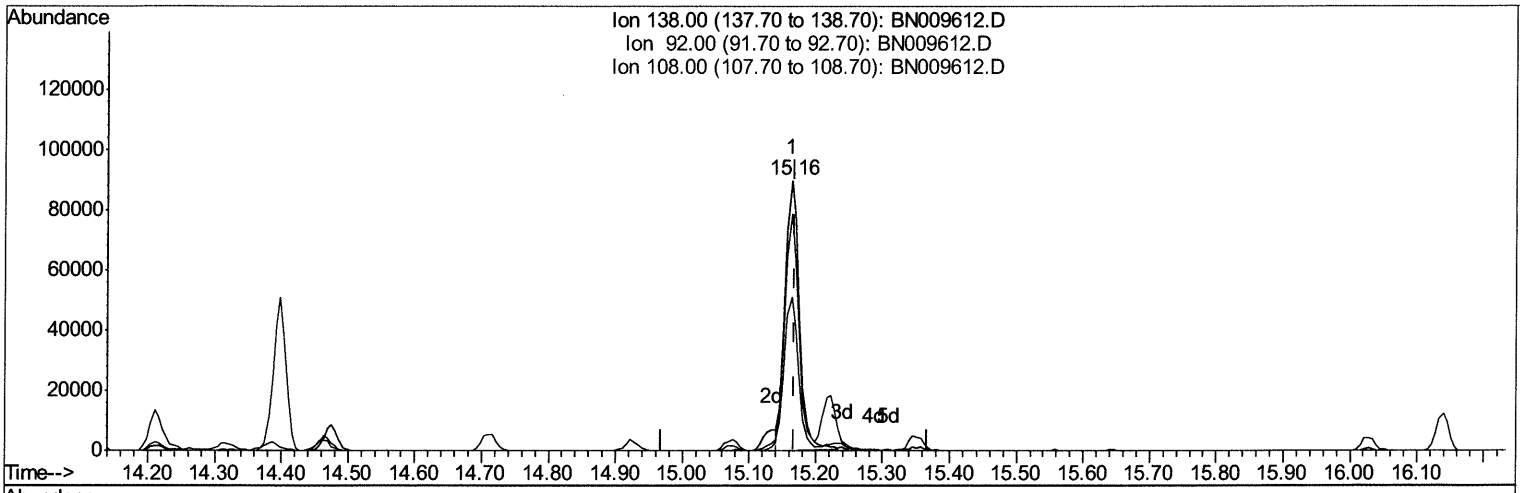

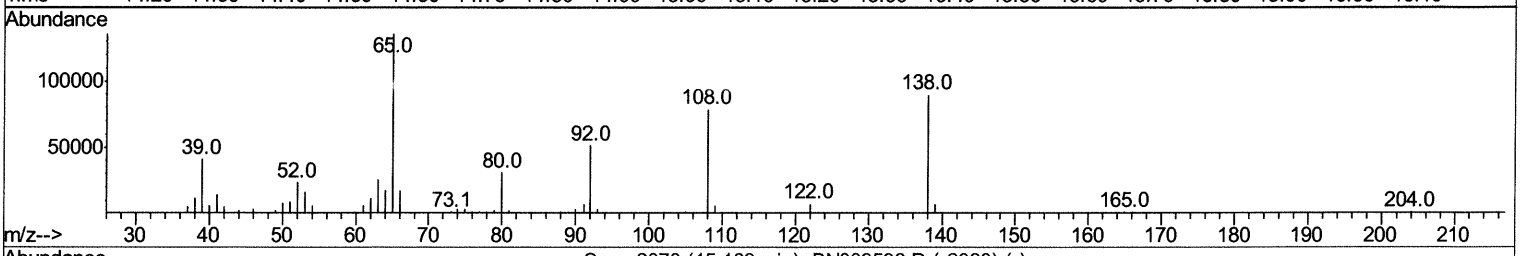

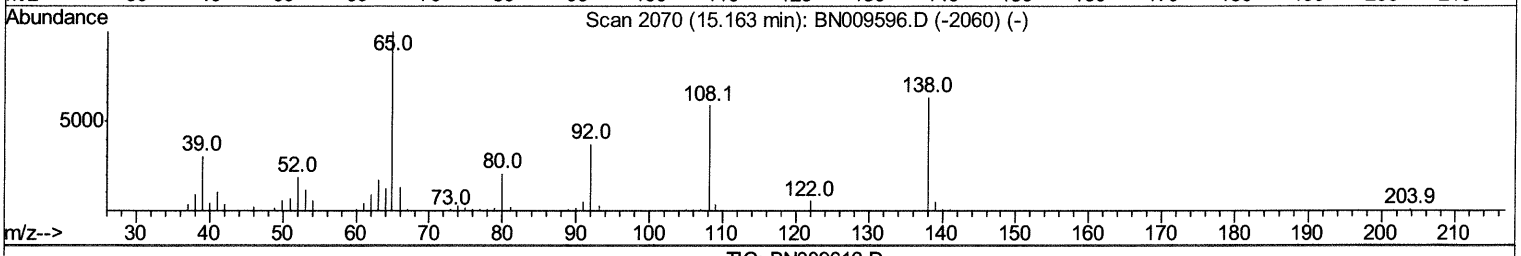

TIC: BN009612.D

(60) 4-Nitroaniline

15.163min (-0.006) 19.05ng/ul

response 132274

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	56.99
108.00	93.90	87.67
0.00	0.00	0.00

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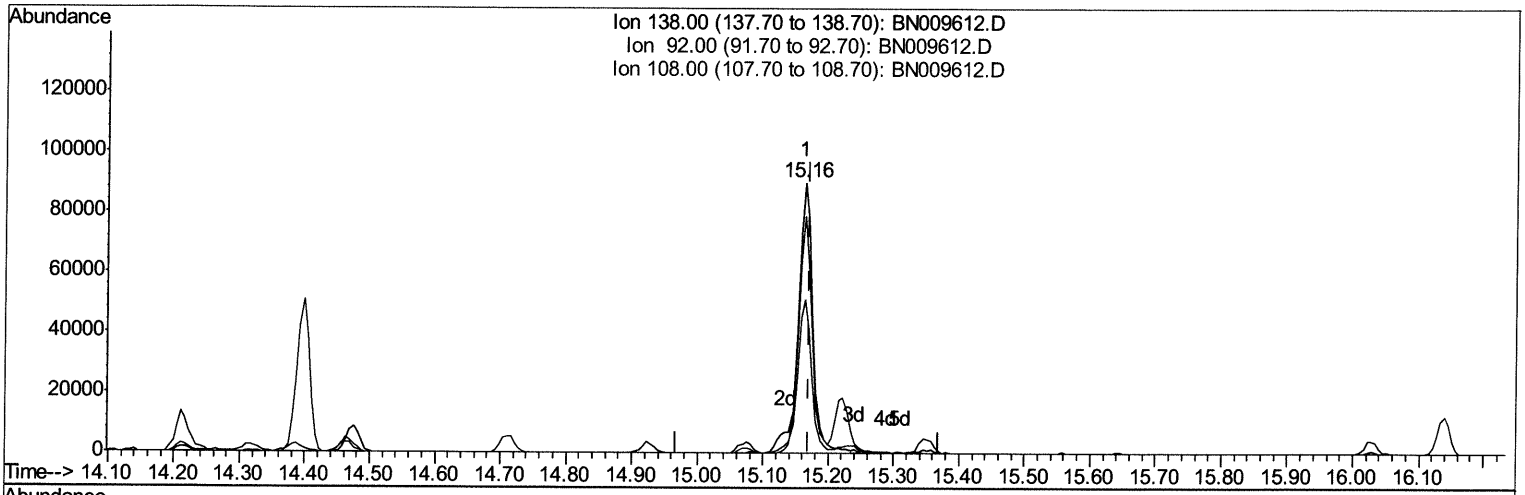

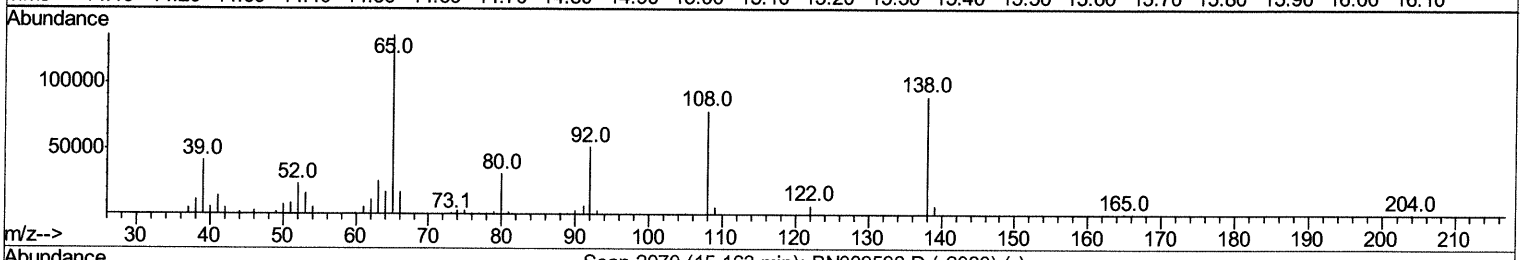

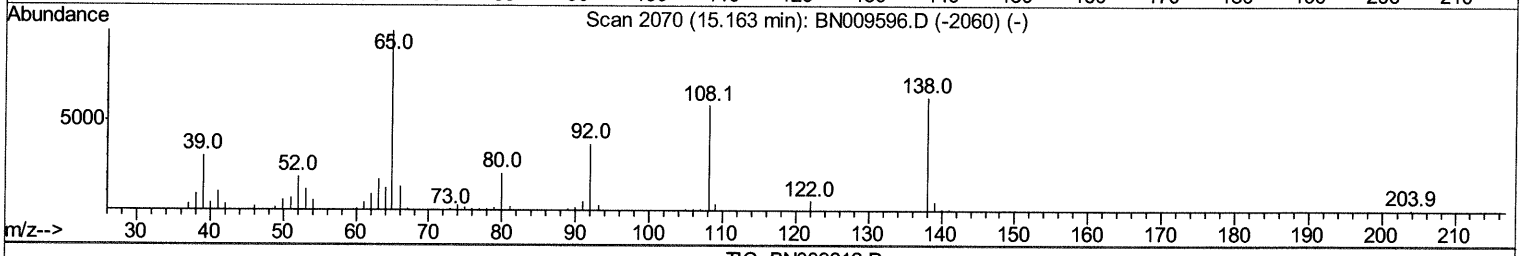

TIC: BN009612.D

(60) 4-Nitroaniline

15.163min (-0.006) 20.72ng/ul m JU 02/13/20

response 143872

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	56.99
108.00	93.90	87.67
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	151106	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.18	136	635516	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.07	164	397077	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	809244	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	714367	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	787828	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	28991	7.87	ng/uL	0.00
5) Phenol-d5	6.63	99	281636	21.37	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	191135	21.59	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.97	132	219318	22.61	ng/ul	-0.02
13) 4-Methylphenol-d8	8.14	113	221771	21.13	ng/ul	-0.02
19) Nitrobenzene-d5	8.57	128	104302	22.07	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.28	143	118031	22.38	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.82	165	212840	21.54	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.33	131	235357	22.16	ng/ul	-0.01
43) Dimethylphthalate-d6	13.49	166	606774	20.93	ng/ul	-0.01
46) Acenaphthylene-d8	13.76	160	748897	21.38	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.30	143	110411	20.17	ng/ul	0.00
57) Fluorene-d10	15.07	176	526255	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	101182	20.02	ng/ul	0.00
70) Anthracene-d10	16.93	188	797099	21.68	ng/ul	0.00
78) Pyrene-d10	19.23	212	834243	22.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	837264	21.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	33333	7.934	ng/uL	86
4) Benzaldehyde	6.59	77	201305	22.263	ng/ul	98
6) Phenol	6.65	94	303769	21.568	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.88	93	239162	21.770	ng/ul	100
10) 2-Chlorophenol	7.00	128	233959	23.246	ng/ul	94
11) 2-Methylphenol	7.88	108	223113	21.438	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.96	45	546648	20.799	ng/ul	99
14) Acetophenone	8.25	105	353927	21.076	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.23	70	192611	21.658	ng/ul	98
16) 4-Methylphenol	8.20	108	242906	21.300	ng/ul	94
17) Hexachloroethane	8.48	117	98917	21.685	ng/ul	98
20) Nitrobenzene	8.61	77	298160	21.968	ng/ul	98
21) Isophorone	9.13	82	524202	21.466	ng/ul	98
23) 2-Nitrophenol	9.31	139	127516	22.196	ng/ul	99
24) 2,4-Dimethylphenol	9.39	107	267861	21.470	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.62	93	315642	21.266	ng/ul	99
27) 2,4-Dichlorophenol	9.84	162	215902	21.533	ng/ul	99
28) Naphthalene	10.23	128	732784	21.263	ng/ul	100
30) 4-Chloroaniline	10.35	127	233292	21.265	ng/ul	95
31) Hexachlorobutadiene	10.52	225	137698	21.506	ng/ul	96
32) Caprolactam	11.13	113	66817	19.879	ng/ul	91
33) 4-Chloro-3-methylphenol	11.49	107	246893	21.120	ng/ul	100
34) 2-Methylnaphthalene	11.85	142	503513	20.877	ng/ul	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.23	216	253471	21.938 ng/ul	93
37) Hexachlorocyclopentadiene	12.21	237	95160	15.133 ng/ul	99
38) 2,4,6-Trichlorophenol	12.49	196	167610	22.280 ng/ul	96
39) 2,4,5-Trichlorophenol	12.56	196	175622	21.322 ng/ul	97
40) 1,1'-Biphenyl	12.89	154	655746	21.210 ng/ul	98
41) 2-Chloronaphthalene	12.93	162	509741	20.995 ng/ul	98
42) 2-Nitroaniline	13.15	65	190058	21.660 ng/ul	94
44) Dimethylphthalate	13.55	163	629193	20.454 ng/ul	100
45) 2,6-Dinitrotoluene	13.66	165	131271	21.855 ng/ul	94
47) Acenaphthylene	13.79	152	823092	21.475 ng/ul	99
48) 3-Nitroaniline	13.99	138	117880	21.614 ng/ul	99
49) Acenaphthene	14.13	153	544484	20.896 ng/ul	99
50) 2,4-Dinitrophenol	14.21	184	64268	17.338 ng/ul	92
52) 4-Nitrophenol	14.32	109	96082	19.616 ng/ul	96
53) Dibenzofuran	14.47	168	750214	20.676 ng/ul	100
54) 2,4-Dinitrotoluene	14.46	165	188715	21.422 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.72	232	147025	21.020 ng/ul#	99
56) Diethylphthalate	14.93	149	631537	20.520 ng/ul	98
58) Fluorene	15.13	166	631637	20.830 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.13	204	304600	20.680 ng/ul	95
60) 4-Nitroaniline	15.16	138	143872m >	20.720 ng/ul >	JU 02/13/20
63) 4,6-Dinitro-2-methylphenol	15.23	198	108506	19.884 ng/ul#	99
64) N-Nitrosodiphenylamine	15.35	169	525972	21.747 ng/ul	98
65) 4-Bromophenyl-phenylether	16.03	248	172238	21.600 ng/ul	93
66) Hexachlorobenzene	16.14	284	191899	21.954 ng/ul	91
67) Atrazine	16.32	200	187642	21.153 ng/ul	97
68) Pentachlorophenol	16.49	266	110986	21.046 ng/ul	99
69) Phenanthrene	16.87	178	986822	21.383 ng/ul	100
71) Anthracene	16.96	178	984339	21.021 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.85	216	265557	22.441 ng/uL	96
73) Pentachlorobenzene	14.40	250	250419	21.925 ng/uL	98
74) Carbazole	17.24	167	869782	21.333 ng/ul	99
75) Di-n-butylphthalate	17.82	149	1078741	21.585 ng/ul	99
76) Fluoranthene	18.90	202	1107665	21.029 ng/ul	99
79) Pyrene	19.26	202	1159434	22.233 ng/ul	97
80) Butylbenzylphthalate	20.20	149	483306	23.132 ng/ul	97
81) 3,3'-Dichlorobenzidine	20.97	252	334992	21.913 ng/ul	98
82) Benzo(a)anthracene	21.03	228	1066186	21.616 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	20.99	149	716207	22.750 ng/ul	99
84) Chrysene	21.08	228	1038912	21.158 ng/ul	100
86) Di-n-octyl phthalate	21.84	149	1225892	21.093 ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	1053343	21.370 ng/ul	100
88) Benzo(k)fluoranthene	22.58	252	1019588	21.004 ng/ul	97
90) Benzo(a)pyrene	23.07	252	965535	21.142 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	1168614	21.523 ng/ul	98
92) Dibenzo(a,h)anthracene	25.23	278	991546	21.695 ng/ul	97
93) Benzo(g,h,i)perylene	25.85	276	931671	20.474 ng/ul	92

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