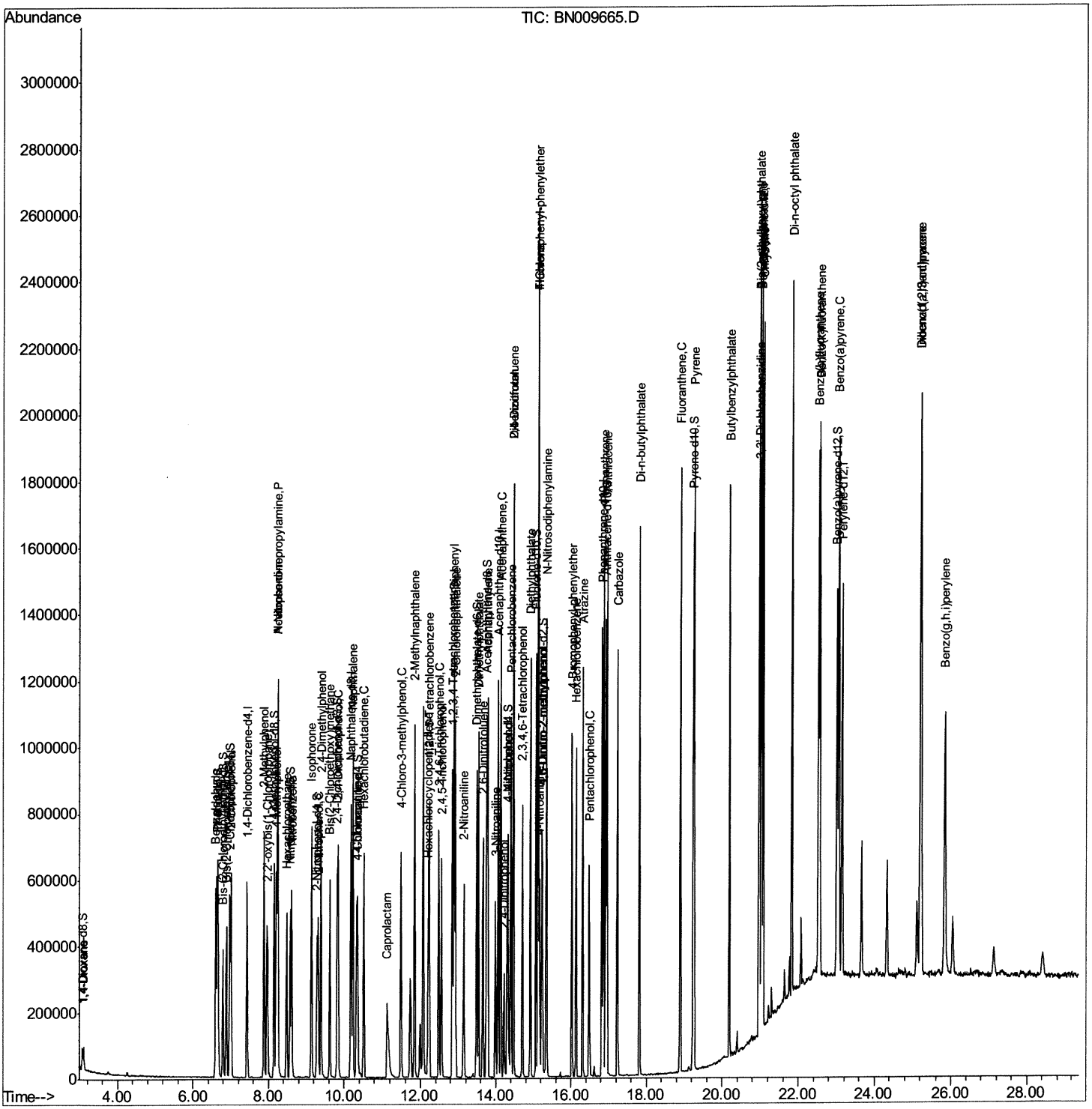
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009665.D
Acq On : 08 Feb 2020 02:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Feb 08 03:20:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 23:20:27 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02062

Manual Integrations APPROVED
mohammad
2/11/2020 8:24:11 AM



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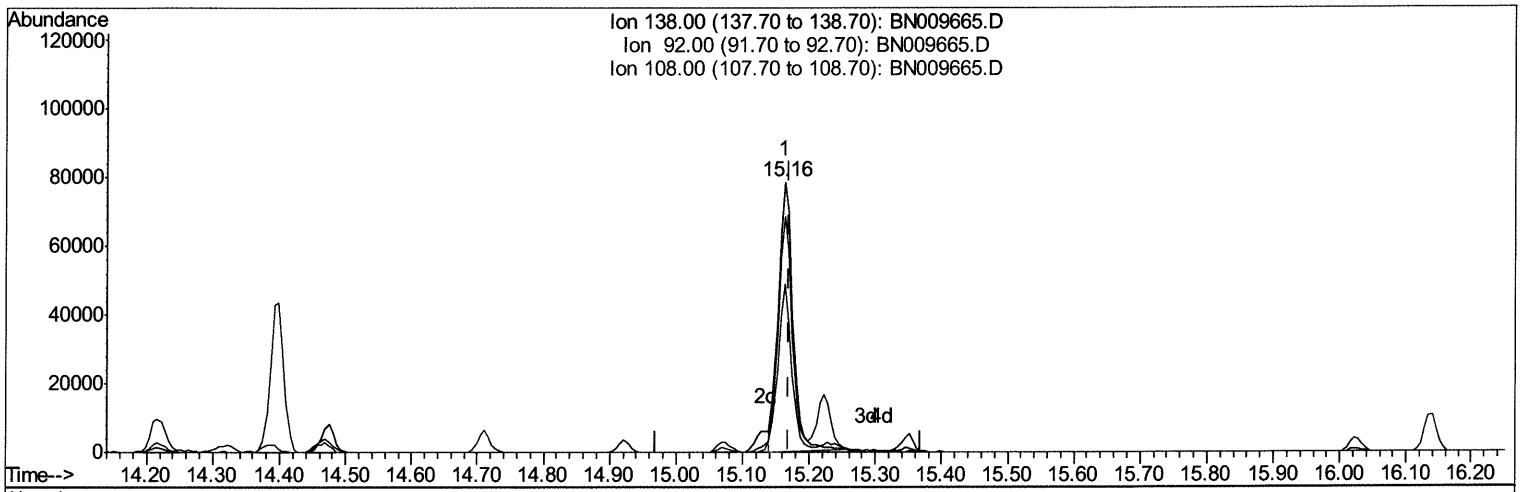

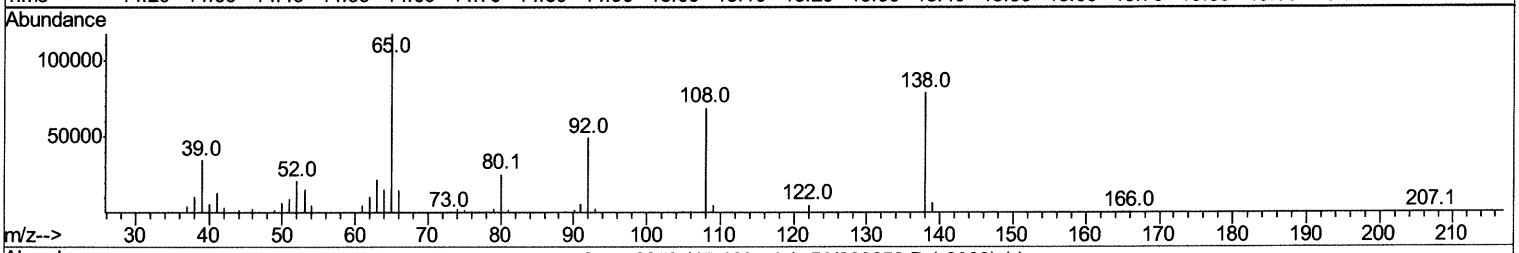

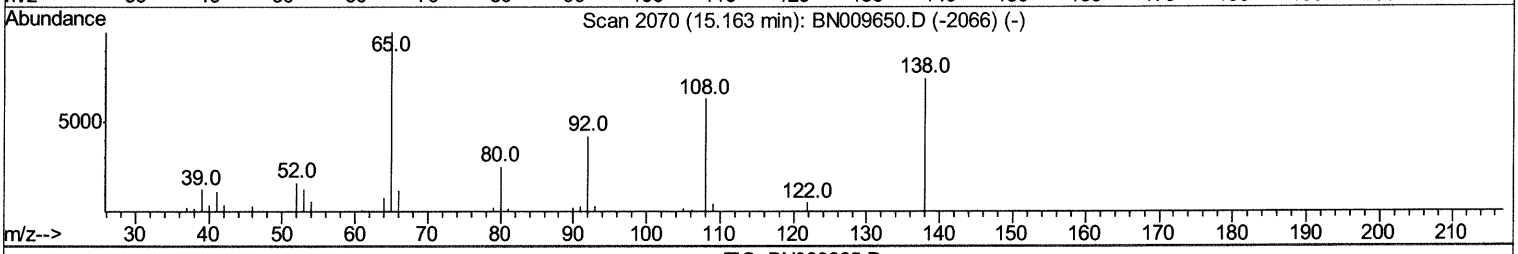

TIC: BN009665.D

(60) 4-Nitroaniline

15.163min (-0.006) 19.06ng/ul

response 121894

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	62.31
108.00	93.90	87.40
0.00	0.00	0.00

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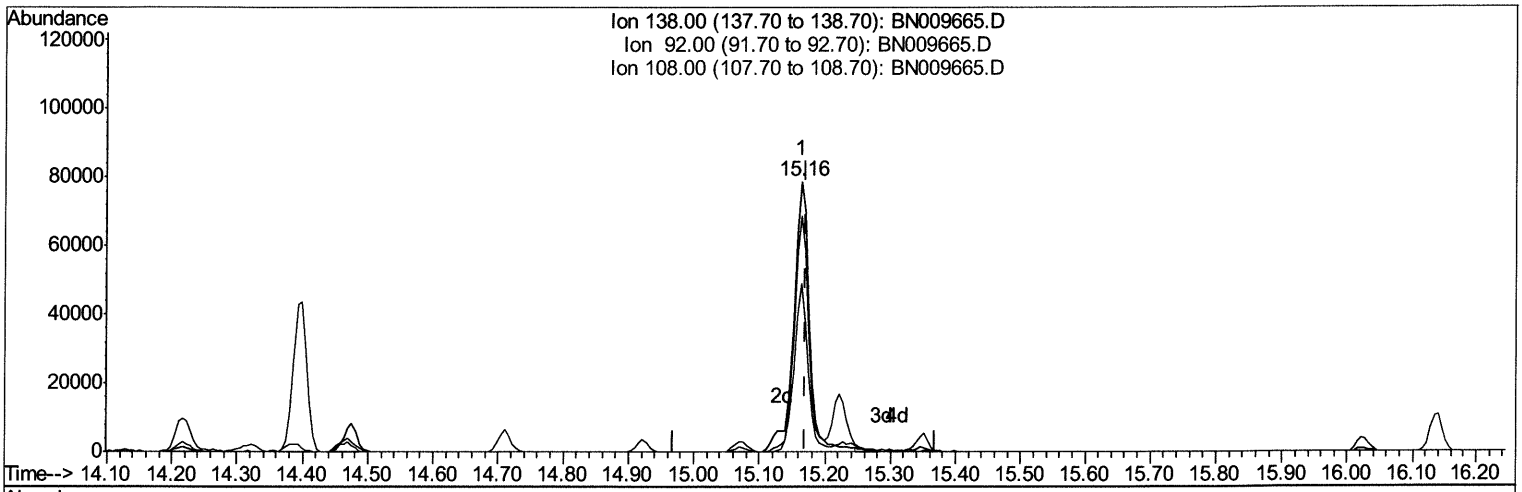

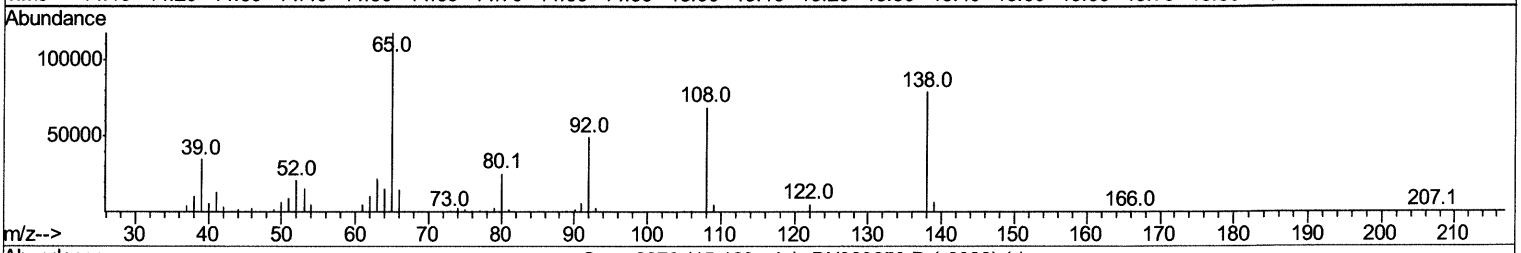

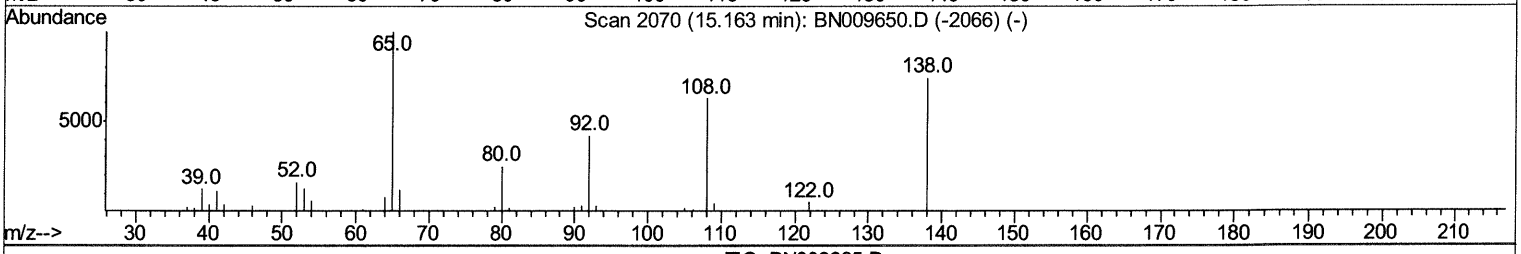

TIC: BN009665.D

(60) 4-Nitroaniline

15.163min (-0.006) 20.88ng/ul m JU 02/13/20

response 133548

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	62.31
108.00	93.90	87.40
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	141256	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	589778	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	365702	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	747880	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	666145	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	707419	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	26156	7.60	ng/uL	0.00
5) Phenol-d5	6.63	99	261961	21.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	174683	21.11	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	202258	22.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	207918	21.19	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	96778	22.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	108905	22.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	199744	21.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	206669	20.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	547642	20.51	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	692665	21.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	100297	19.89	ng/ul	0.00
57) Fluorene-d10	15.07	176	492978	21.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	89875	19.24	ng/ul	0.00
70) Anthracene-d10	16.92	188	716679	21.09	ng/ul	0.00
78) Pyrene-d10	19.23	212	764761	21.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	759479	21.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	30309	7.717	ng/uL	95
4) Benzaldehyde	6.60	77	183010	21.651	ng/ul	98
6) Phenol	6.66	94	278967	21.189	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.88	93	216432	21.075	ng/ul	95
10) 2-Chlorophenol	7.00	128	211437	22.473	ng/ul	95
11) 2-Methylphenol	7.88	108	206664	21.243	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.96	45	486685	19.809	ng/ul	98
14) Acetophenone	8.25	105	328045	20.897	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.24	70	176471	21.227	ng/ul	95
16) 4-Methylphenol	8.20	108	221268	20.756	ng/ul	94
17) Hexachloroethane	8.48	117	88707	20.802	ng/ul	99
20) Nitrobenzene	8.62	77	266089	21.125	ng/ul	93
21) Isophorone	9.13	82	488894	21.573	ng/ul	99
23) 2-Nitrophenol	9.32	139	119205	22.359	ng/ul	93
24) 2,4-Dimethylphenol	9.39	107	246220	21.265	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.62	93	291680	21.176	ng/ul	100
27) 2,4-Dichlorophenol	9.85	162	198007	21.279	ng/ul	99
28) Naphthalene	10.23	128	677176	21.173	ng/ul	98
30) 4-Chloroaniline	10.35	127	213003	20.921	ng/ul	100
31) Hexachlorobutadiene	10.52	225	130746	22.004	ng/ul	94
32) Caprolactam	11.13	113	63250	20.278	ng/ul	88
33) 4-Chloro-3-methylphenol	11.49	107	228662	21.078	ng/ul	98
34) 2-Methylnaphthalene	11.85	142	470610	21.026	ng/ul	100

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2/11/2020 8:24:11 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.23	216	230393	21.651	ng/ul	99
37) Hexachlorocyclopentadiene	12.21	237	111071	19.178	ng/ul	98
38) 2,4,6-Trichlorophenol	12.49	196	150167	21.674	ng/ul	97
39) 2,4,5-Trichlorophenol	12.56	196	164200	21.645	ng/ul	95
40) 1,1'-Biphenyl	12.89	154	601810	21.136	ng/ul	98
41) 2-Chloronaphthalene	12.93	162	476452	21.308	ng/ul	99
42) 2-Nitroaniline	13.15	65	175076	21.664	ng/ul	95
44) Dimethylphthalate	13.54	163	585441	20.664	ng/ul	99
45) 2,6-Dinitrotoluene	13.66	165	119652	21.630	ng/ul	97
47) Acenaphthylene	13.79	152	758321	21.482	ng/ul	98
48) 3-Nitroaniline	13.99	138	106790	21.260	ng/ul	98
49) Acenaphthene	14.13	153	503350	20.975	ng/ul	98
50) 2,4-Dinitrophenol	14.22	184	56898	16.667	ng/ul	95
52) 4-Nitrophenol	14.32	109	85596	18.975	ng/ul	99
53) Dibenzofuran	14.47	168	703688	21.058	ng/ul	98
54) 2,4-Dinitrotoluene	14.46	165	174804	21.545	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.71	232	132701	20.599	ng/ul	93
56) Diethylphthalate	14.92	149	590361	20.827	ng/ul	99
58) Fluorene	15.13	166	587592	21.040	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.13	204	286794	21.141	ng/ul	90
60) 4-Nitroaniline	15.16	138	133548m >	20.883	ng/ul >	94 JU 02/13/20
63) 4,6-Dinitro-2-methylphenol	15.24	198	98438	19.519	ng/ul#	94
64) N-Nitrosodiphenylamine	15.35	169	479091	21.434	ng/ul	99
65) 4-Bromophenyl-phenylether	16.03	248	164169	22.277	ng/ul	93
66) Hexachlorobenzene	16.14	284	179120	22.173	ng/ul	91
67) Atrazine	16.32	200	173005	21.104	ng/ul	90
68) Pentachlorophenol	16.49	266	96586	19.818	ng/ul	94
69) Phenanthrene	16.87	178	894681	20.977	ng/ul	99
71) Anthracene	16.96	178	930739	21.507	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.85	216	250516	22.907	ng/uL	95
73) Pentachlorobenzene	14.40	250	230795	21.864	ng/uL	98
74) Carbazole	17.23	167	798747	21.198	ng/ul	98
75) Di-n-butylphthalate	17.82	149	1002814	21.712	ng/ul	99
76) Fluoranthene	18.90	202	1028202	21.122	ng/ul	98
79) Pyrene	19.26	202	1077089	22.149	ng/ul	97
80) Butylbenzylphthalate	20.19	149	447214	22.954	ng/ul	97
81) 3,3'-Dichlorobenzidine	20.96	252	321192	22.532	ng/ul	99
82) Benzo(a)anthracene	21.02	228	991843	21.565	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	20.98	149	637310	21.709	ng/ul	100
84) Chrysene	21.07	228	966579	21.110	ng/ul	99
86) Di-n-octyl phthalate	21.83	149	1105234	21.179	ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	958531	21.657	ng/ul	96
88) Benzo(k)fluoranthene	22.57	252	932215	21.387	ng/ul	98
90) Benzo(a)pyrene	23.06	252	872616	21.280	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.22	276	1028851	21.103	ng/ul	98
92) Dibenzo(a,h)anthracene	25.22	278	872556	21.262	ng/ul	98
93) Benzo(g,h,i)perylene	25.84	276	827598	20.254	ng/ul	96

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