

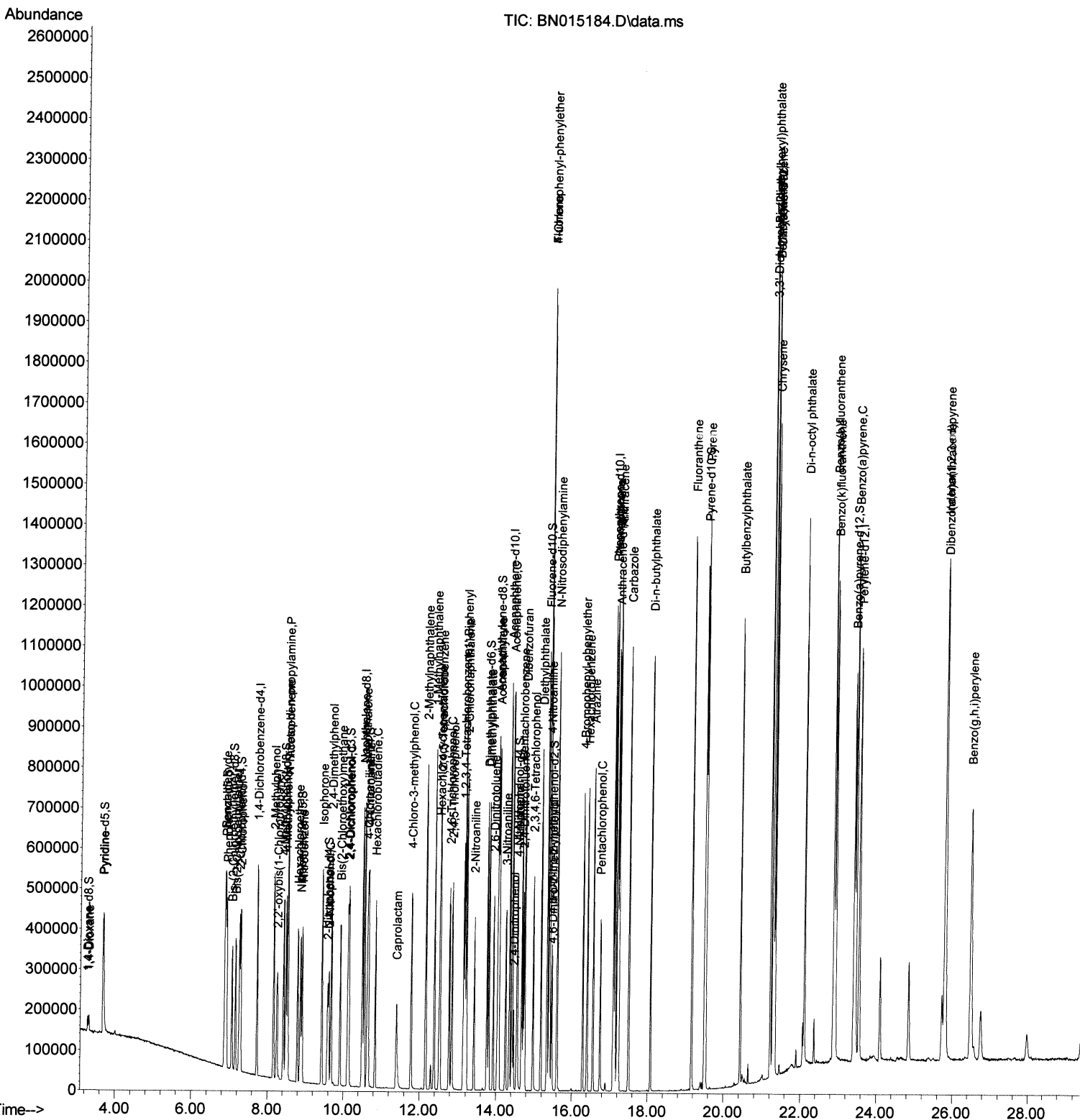
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015184.D
Acq On : 28 Jun 2021 21:27
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual Integrations
APPROVED

mohammad
6/29/2021 2:31:05 PM

Quant Time: Jun 29 01:08:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration



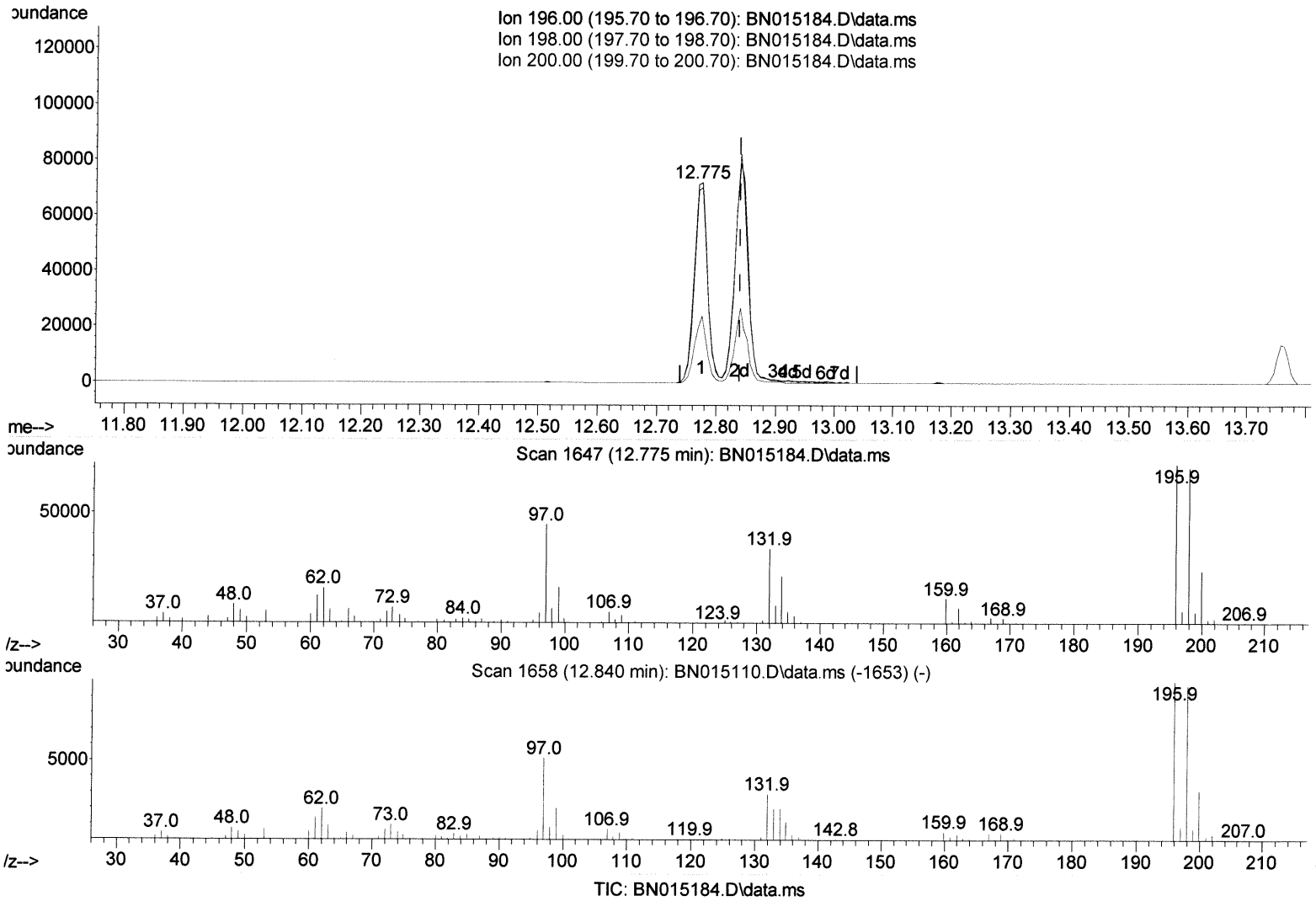
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(42) 2,4,5-Trichlorophenol

12.775min (-0.065) 17.13 ng/ul

response 103381

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	88.60	97.51
200.00	28.20	33.13
0.00	0.00	0.00

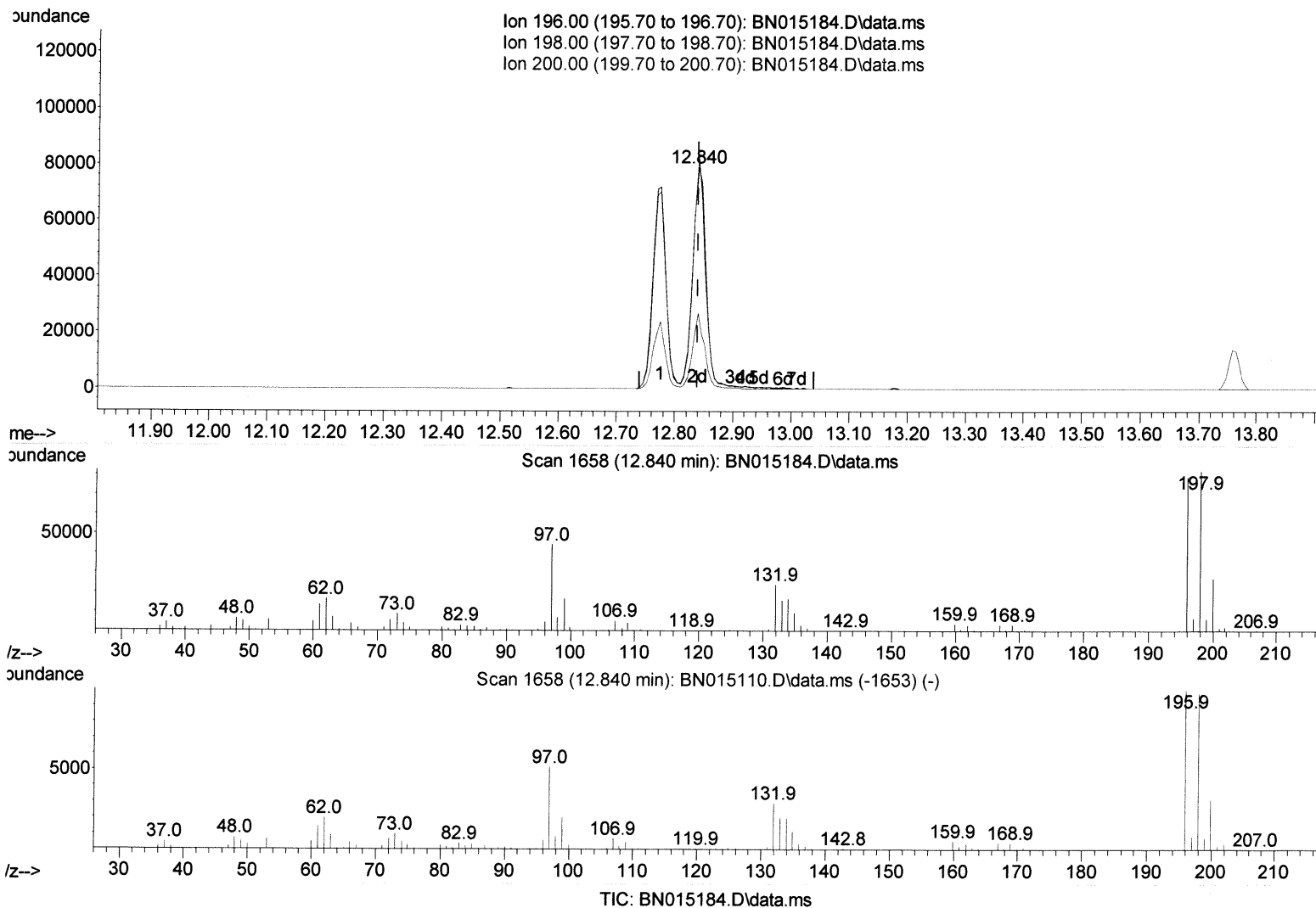
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(42) 2,4,5-Trichlorophenol

12.840min (-0.000) 20.69 ng/ul m
 response 124842

Ion	Exp%	Act%
196.00	100.00	100.00
198.00	88.60	104.02
200.00	28.20	33.99#
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	7.722	152	135835	20.000	ng/ul	0.00
20) Naphthalene-d8	10.498	136	563494	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	332821	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	663530	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	672541	20.000	ng/ul	0.00
88) Perylene-d12	23.539	264	671409	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	18342	5.254	ng/uL	0.00
4) Pyridine-d5	3.675	84	130612	13.878	ng/ul	0.00
7) Phenol-d5	6.893	99	219955	18.657	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	133331	19.257	ng/ul	0.00
11) 2-Chlorophenol-d4	7.257	132	172362	19.281	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	169766	18.657	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	85342	22.140	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	77585	22.596	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	161376	19.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	230767	18.374	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	452684	19.808	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	588548	19.838	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	81939	20.555	ng/ul	0.00
60) Fluorene-d10	15.345	176	390052	19.618	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	47666	17.394	ng/ul	0.00
73) Anthracene-d10	17.192	188	612122	20.156	ng/ul	0.00
81) Pyrene-d10	19.492	212	643654	18.259	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.398	264	663141	20.007	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	19877	5.525	ng/ul	96
5) Pyridine	3.693	79	135448	13.833	ng/ul	100
6) Benzaldehyde	6.875	77	141332	25.776	ng/ul	94
8) Phenol	6.922	94	223798	18.725	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.152	93	179226	18.982	ng/ul	96
12) 2-Chlorophenol	7.293	128	174263	19.265	ng/ul	95
13) 2-Methylphenol	8.157	108	169482	18.991	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.252	45	244770	19.902	ng/ul	99
16) Acetophenone	8.534	105	270280	19.609	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.522	70	134129	19.867	ng/ul	98
18) 4-Methylphenol	8.481	108	177903	18.588	ng/ul	94
19) Hexachloroethane	8.793	117	77992	21.094	ng/ul	92
22) Nitrobenzene	8.910	77	207874	22.089	ng/ul	99
23) Isophorone	9.428	82	376950	20.368	ng/ul	97
25) 2-Nitrophenol	9.616	139	85203	22.386	ng/ul	97
26) 2,4-Dimethylphenol	9.675	107	194667	19.728	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.916	93	234325	19.845	ng/ul	98
29) 2,4-Dichlorophenol	10.146	162	153561	19.454	ng/ul	99
30) Naphthalene	10.546	128	557162	19.377	ng/ul	99
32) 4-Chloroaniline	10.651	127	233507	18.916	ng/ul	100
33) Hexachlorobutadiene	10.834	225	92625	18.903	ng/ul	98
34) Caprolactam	11.398	113	54465	20.203	ng/ul	98
35) 4-Chloro-3-methylphenol	11.775	107	174692	20.225	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.157	142	380452	19.112	ng/ul	99
37) 1-Methylnaphthalene	12.381	142	379396	19.021	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.534	216	177163	19.070	ng/ul	97
40) Hexachlorocyclopentadiene	12.516	237	93922	18.525	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	112891	20.783	ng/ul	97
42) 2,4,5-Trichlorophenol	12.840	196	124842m	20.686	ng/ul	97
43) 1,1'-Biphenyl	13.181	154	480841	20.021	ng/ul	100
44) 2-Chloronaphthalene	13.216	162	363541	19.433	ng/ul	99
45) 2-Nitroaniline	13.422	65	106269	24.416	ng/ul	98
47) Dimethylphthalate	13.810	163	451203	20.398	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	86580	23.264	ng/ul	96
50) Acenaphthylene	14.069	152	569252	20.334	ng/ul	100
51) 3-Nitroaniline	14.251	138	99526	23.652	ng/ul	98
52) Acenaphthene	14.410	153	390567	19.831	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	36877	21.579	ng/ul	90
55) 4-Nitrophenol	14.557	109	66976	23.040	ng/ul	90
56) Dibenzofuran	14.751	168	557611	20.158	ng/ul	94
57) 2,4-Dinitrotoluene	14.710	165	124164	23.925	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.975	232	95990	21.699	ng/ul	93
59) Diethylphthalate	15.181	149	451990	20.469	ng/ul	99
61) Fluorene	15.398	166	457014	20.870	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.398	204	206324	19.829	ng/ul	91
63) 4-Nitroaniline	15.416	138	104693	26.737	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.481	198	47434	17.127	ng/ul#	99
67) N-Nitrosodiphenylamine	15.610	169	375552	19.513	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	120452	18.858	ng/ul	96
69) Hexachlorobenzene	16.404	284	140151	19.580	ng/ul	93
70) Atrazine	16.563	200	126147	18.837	ng/ul	98
71) Pentachlorophenol	16.745	266	71162	19.003	ng/ul	95
72) Phenanthrene	17.139	178	705120	20.134	ng/ul	98
74) Anthracene	17.228	178	735469	20.457	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	180156	19.172	ng/ul	98
76) Pentachlorobenzene	14.669	250	180637	20.077	ng/ul	92
77) Carbazole	17.498	167	645849	19.931	ng/ul	97
78) Di-n-butylphthalate	18.075	149	764594	20.728	ng/ul	100
80) Fluoranthene	19.157	202	791203	18.594	ng/ul	98
82) Pyrene	19.522	202	833502	18.793	ng/ul	97
83) Butylbenzylphthalate	20.433	149	317099	20.058	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.216	252	223643	16.148	ng/ul	97
85) Benzo(a)anthracene	21.280	228	813480	19.556	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	492000	19.433	ng/ul	99
87) Chrysene	21.327	228	774695	18.912	ng/ul	99
89) Di-n-octyl phthalate	22.104	149	865754	20.619	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	827769	20.474	ng/ul	99
91) Benzo(k)fluoranthene	22.910	252	748454	18.291	ng/ul	97
93) Benzo(a)pyrene	23.445	252	736135	20.032	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.804	276	886328	19.880	ng/ul	100
95) Dibenzo(a,h)anthracene	25.815	278	765085	20.704	ng/ul	96
96) Benzo(g,h,i)perylene	26.492	276	707252	18.351	ng/ul	98

> 20.686 ng/ul > Jul 6/20/21

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