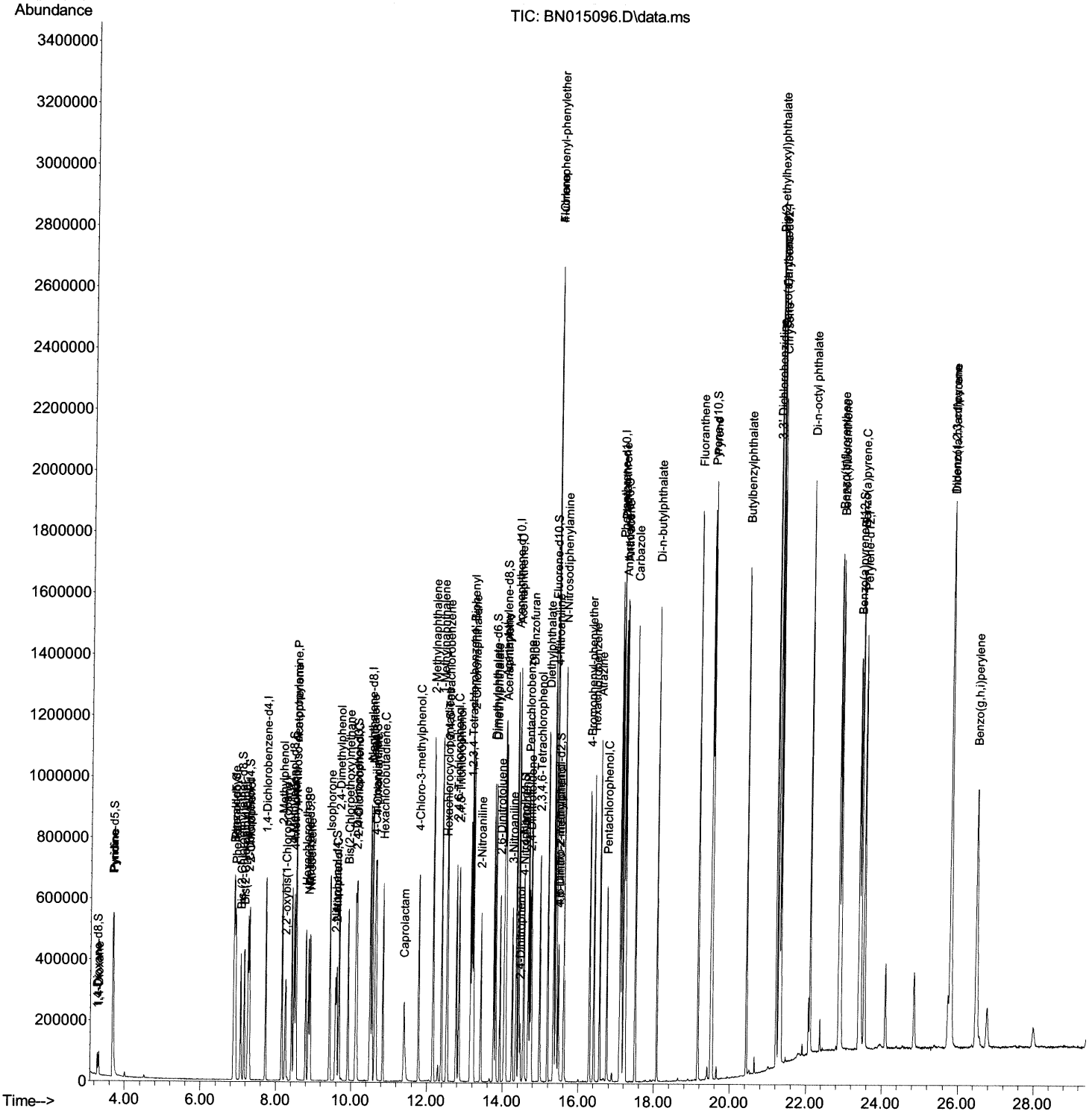
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
Data File : BN015096.D
Acq On : 26 Jun 2021 02:41
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 26 03:11:09 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

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
6/28/2021 1:25:31 PM



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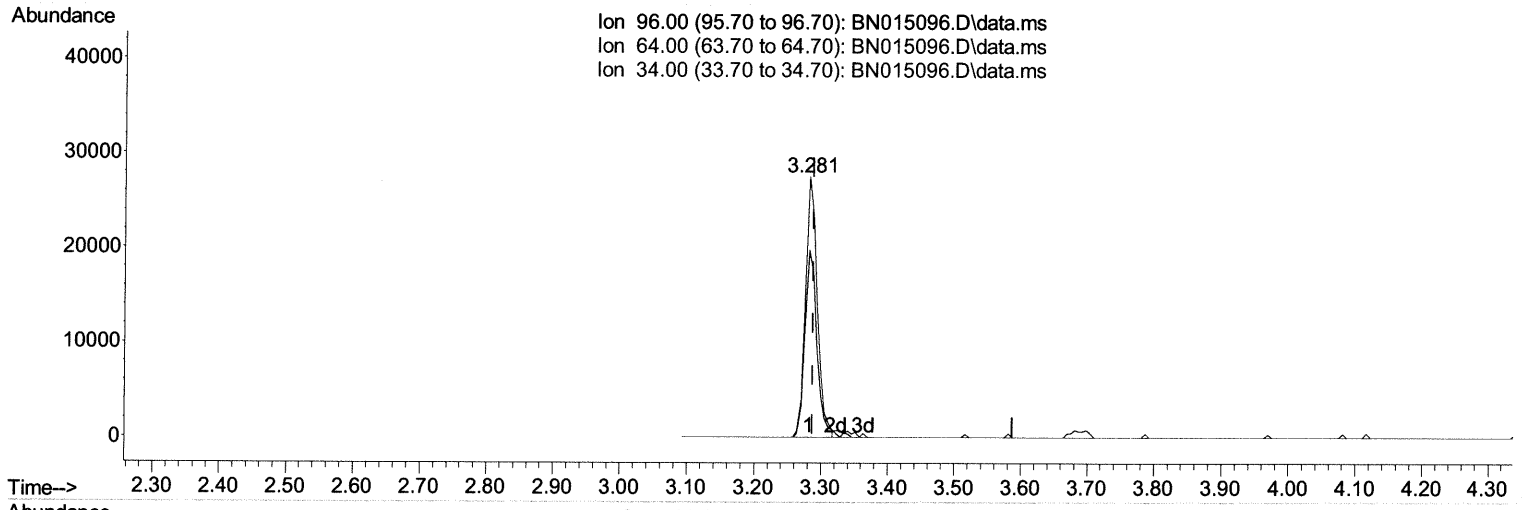

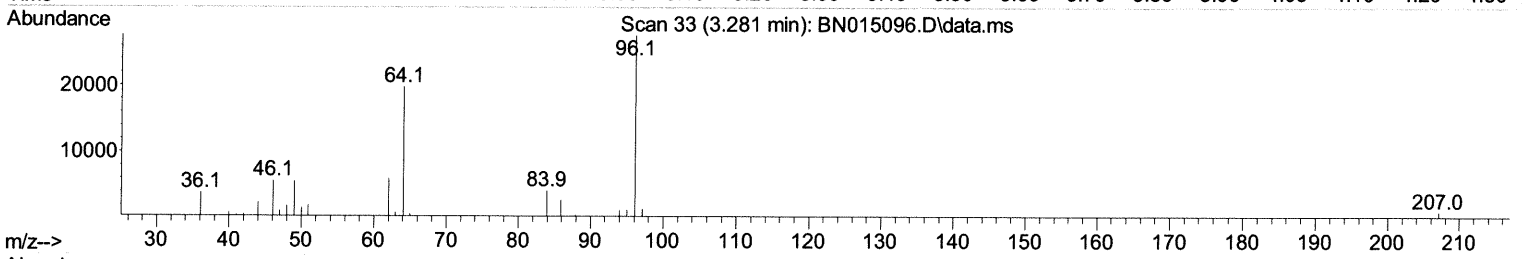

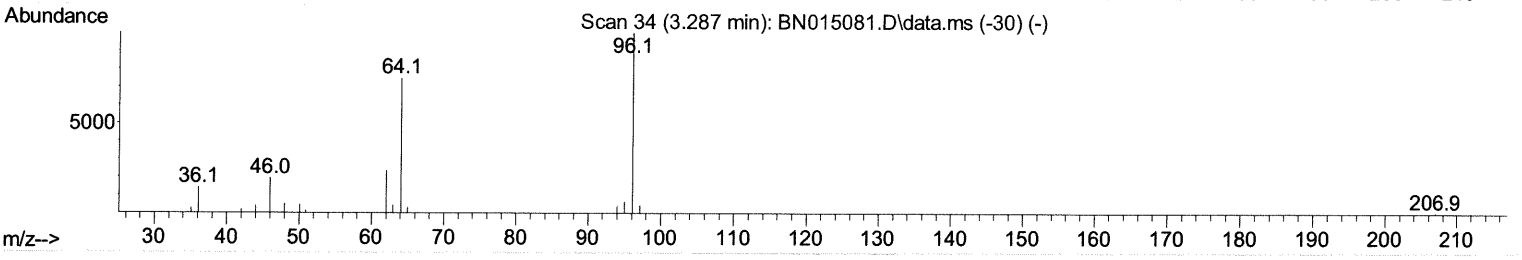

TIC: BN015096.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.281min (-0.006) 7.24 ng/uL

response 34120

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	71.78
34.00	0.00	0.00
0.00	0.00	0.00

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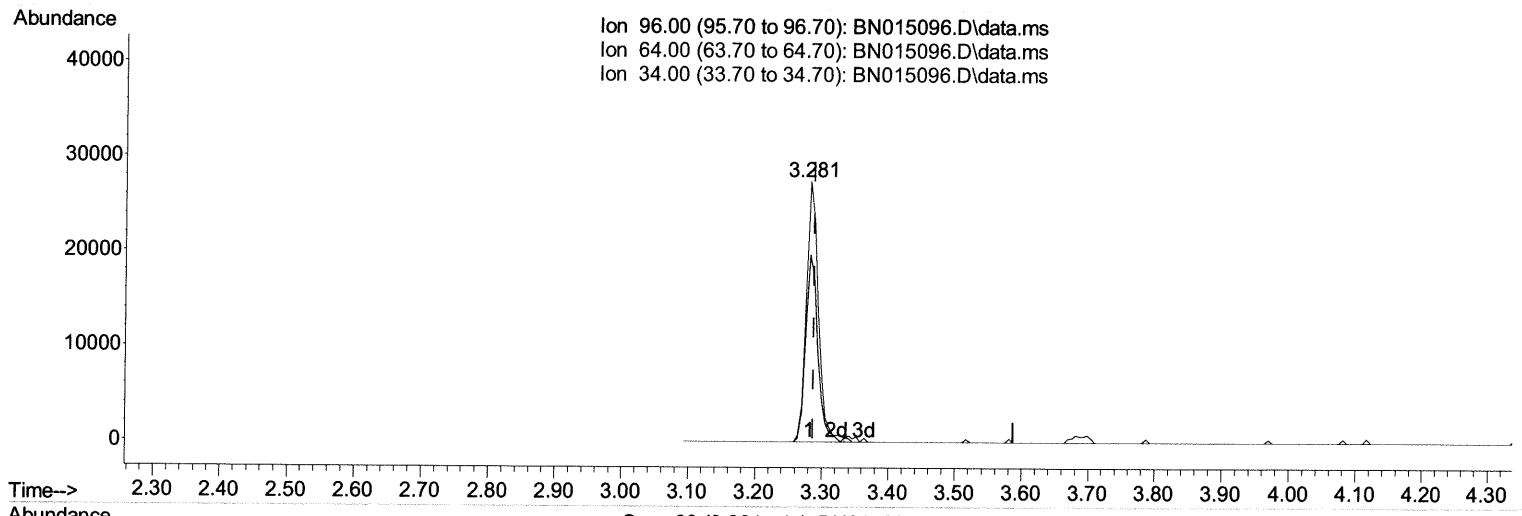

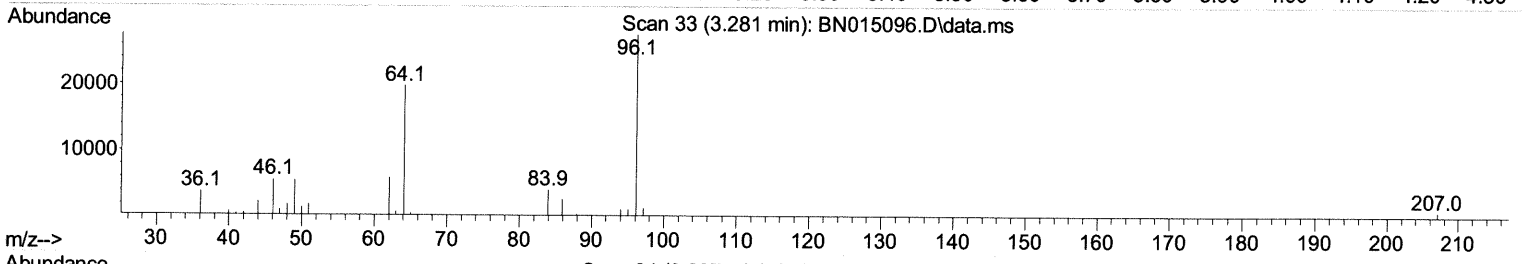

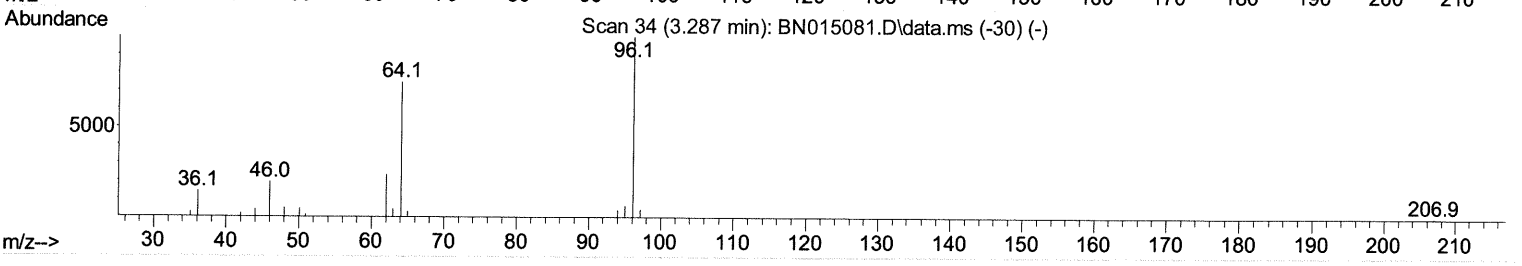

TIC: BN015096.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.281min (-0.006) 7.37 ng/uL m 06/29/21 JU

response 34747

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.20	71.78
34.00	0.00	0.00
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	7.728	152	183434	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	755847	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	454908	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	940007	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	916207	20.000	ng/ul	0.00
88) Perylene-d12	23.539	264	893009	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	34747m	7.371	ng/uL	0.00
4) Pyridine-d5	3.675	84	240183	18.898	ng/ul	0.00
7) Phenol-d5	6.893	99	307051	19.286	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	177832	19.019	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	244420	20.247	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	235932	19.201	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	112791	21.815	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	110201	23.927	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	228645	21.033	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	323584	19.207	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	640955	20.519	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	812492	20.036	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	115117	21.128	ng/ul	0.00
60) Fluorene-d10	15.345	176	543475	19.998	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	62959	16.217	ng/ul	0.00
73) Anthracene-d10	17.198	188	832087	19.340	ng/ul	0.00
81) Pyrene-d10	19.498	212	923270	19.226	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.392	264	906069	20.553	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	36486	7.510	ng/uL	95
5) Pyridine	3.693	79	243995	18.452	ng/ul	98
6) Benzaldehyde	6.875	77	181857	24.561	ng/ul	97
8) Phenol	6.922	94	310337	19.227	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.158	93	242932	19.053	ng/ul	98
12) 2-Chlorophenol	7.293	128	243431	19.928	ng/ul	98
13) 2-Methylphenol	8.157	108	229678	19.058	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	311514	18.756	ng/ul	98
16) Acetophenone	8.534	105	360922	19.391	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.522	70	179753	19.716	ng/ul	99
18) 4-Methylphenol	8.481	108	249712	19.320	ng/ul	96
19) Hexachloroethane	8.799	117	96872	19.402	ng/ul	96
22) Nitrobenzene	8.910	77	263469	20.872	ng/ul	99
23) Isophorone	9.434	82	492728	19.848	ng/ul	100
25) 2-Nitrophenol	9.616	139	120343	23.572	ng/ul	98
26) 2,4-Dimethylphenol	9.675	107	269687	20.375	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.916	93	315109	19.895	ng/ul	99
29) 2,4-Dichlorophenol	10.146	162	220573	20.832	ng/ul	98
30) Naphthalene	10.551	128	756385	19.611	ng/ul	99
32) 4-Chloroaniline	10.651	127	326512	19.719	ng/ul	99
33) Hexachlorobutadiene	10.840	225	136054	20.700	ng/ul	99
34) Caprolactam	11.398	113	72777	20.126	ng/ul	98
35) 4-Chloro-3-methylphenol	11.781	107	240559	20.763	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.163	142	527166	19.743	ng/ul	100
37) 1-Methylnaphthalene	12.381	142	529551	19.793	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.534	216	259840	20.463	ng/ul	97
40) Hexachlorocyclopentadiene	12.516	237	109195	15.757	ng/ul	94
41) 2,4,6-Trichlorophenol	12.775	196	163287	21.993	ng/ul	98
42) 2,4,5-Trichlorophenol	12.840	196	179422	21.751	ng/ul	94
43) 1,1'-Biphenyl	13.181	154	665241	20.265	ng/ul	98
44) 2-Chloronaphthalene	13.222	162	510442	19.963	ng/ul	99
45) 2-Nitroaniline	13.422	65	144665	24.318	ng/ul	97
47) Dimethylphthalate	13.810	163	616305	20.385	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	121516	23.888	ng/ul	95
50) Acenaphthylene	14.069	152	776662	20.298	ng/ul	99
51) 3-Nitroaniline	14.251	138	135918	23.632	ng/ul	96
52) Acenaphthene	14.416	153	536964	19.947	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	36288	15.535	ng/ul	96
55) 4-Nitrophenol	14.557	109	86265	21.711	ng/ul	94
56) Dibenzofuran	14.751	168	752690	19.907	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	172918	24.377	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.975	232	142993	23.649	ng/ul	99
59) Diethylphthalate	15.181	149	626497	20.758	ng/ul	100
61) Fluorene	15.404	166	603218	20.154	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	292579	20.573	ng/ul	97
63) 4-Nitroaniline	15.416	138	136111	25.432	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	62826	16.012	ng/ul	99
67) N-Nitrosodiphenylamine	15.616	169	537734	19.722	ng/ul	97
68) 4-Bromophenyl-phenylether	16.292	248	170908	18.888	ng/ul	95
69) Hexachlorobenzene	16.404	284	197245	19.451	ng/ul	99
70) Atrazine	16.563	200	183069	19.297	ng/ul	98
71) Pentachlorophenol	16.751	266	107675	20.297	ng/ul	93
72) Phenanthrene	17.139	178	962420	19.398	ng/ul	100
74) Anthracene	17.233	178	989874	19.435	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	250747	18.836	ng/uL	95
76) Pentachlorobenzene	14.675	250	247351	19.406	ng/uL	98
77) Carbazole	17.498	167	905138	19.717	ng/ul	99
78) Di-n-butylphthalate	18.075	149	1087830	20.817	ng/ul	100
80) Fluoranthene	19.157	202	1096813	18.921	ng/ul	98
82) Pyrene	19.527	202	1156066	19.134	ng/ul	99
83) Butylbenzylphthalate	20.433	149	472172	21.924	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.210	252	303324	16.077	ng/ul	99
85) Benzo(a)anthracene	21.274	228	1089791	19.231	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	705103	20.443	ng/ul	98
87) Chrysene	21.327	228	1031035	18.476	ng/ul	97
89) Di-n-octyl phthalate	22.104	149	1206115	21.597	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1070565	19.908	ng/ul	97
91) Benzo(k)fluoranthene	22.910	252	1081940	19.879	ng/ul	94
93) Benzo(a)pyrene	23.445	252	980689	20.064	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.798	276	1219561	20.566	ng/ul	99
95) Dibenzo(a,h)anthracene	25.809	278	1002182	20.390	ng/ul	98
96) Benzo(g,h,i)perylene	26.492	276	978481	19.088	ng/ul	99

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