Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015919.D
Acq On : 18 Aug 2021 03:50
Operator : CG/JU
Sample : M3355-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 18 04:40:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 17 09:43:53 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
AQAA12MS

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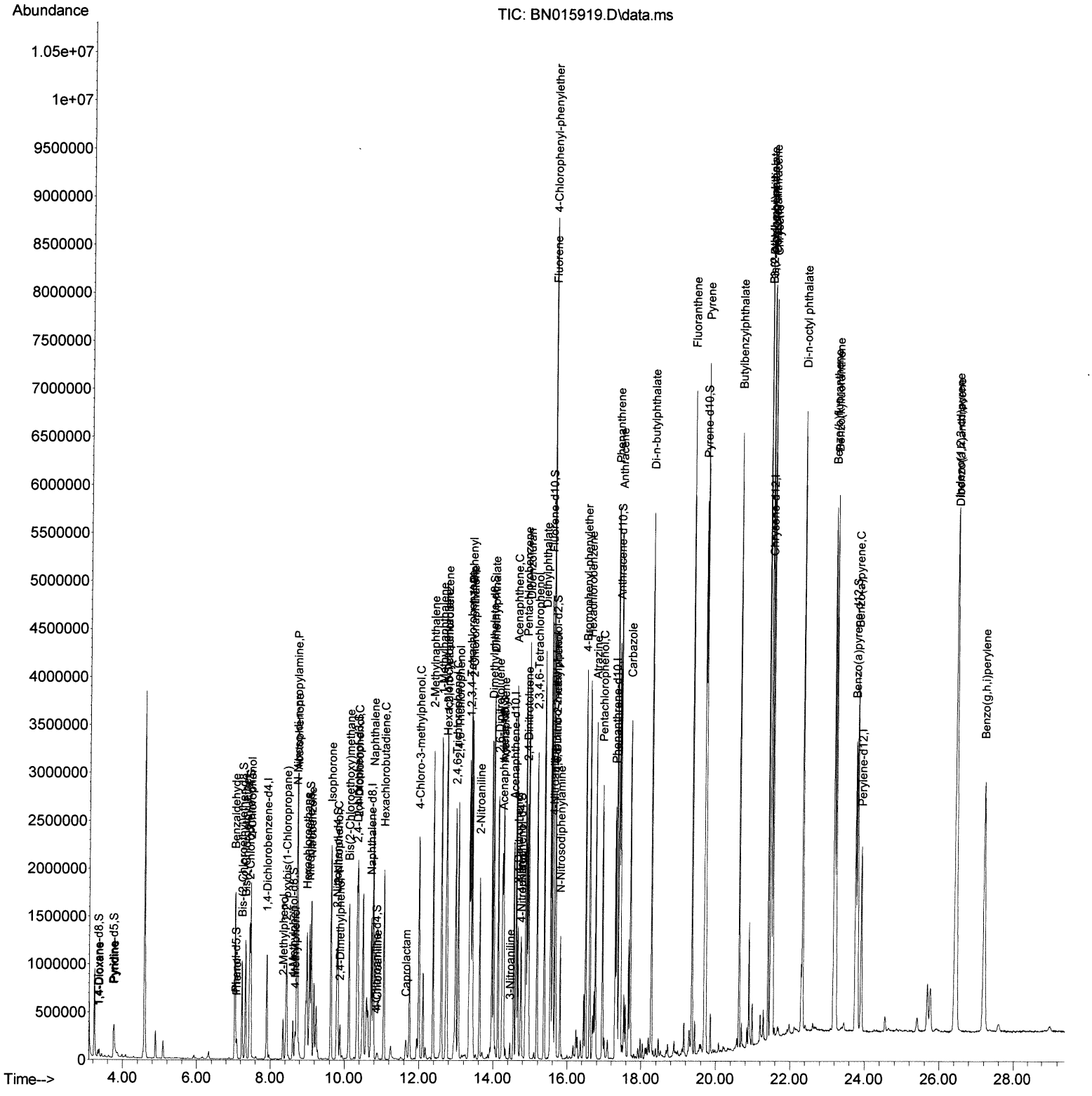

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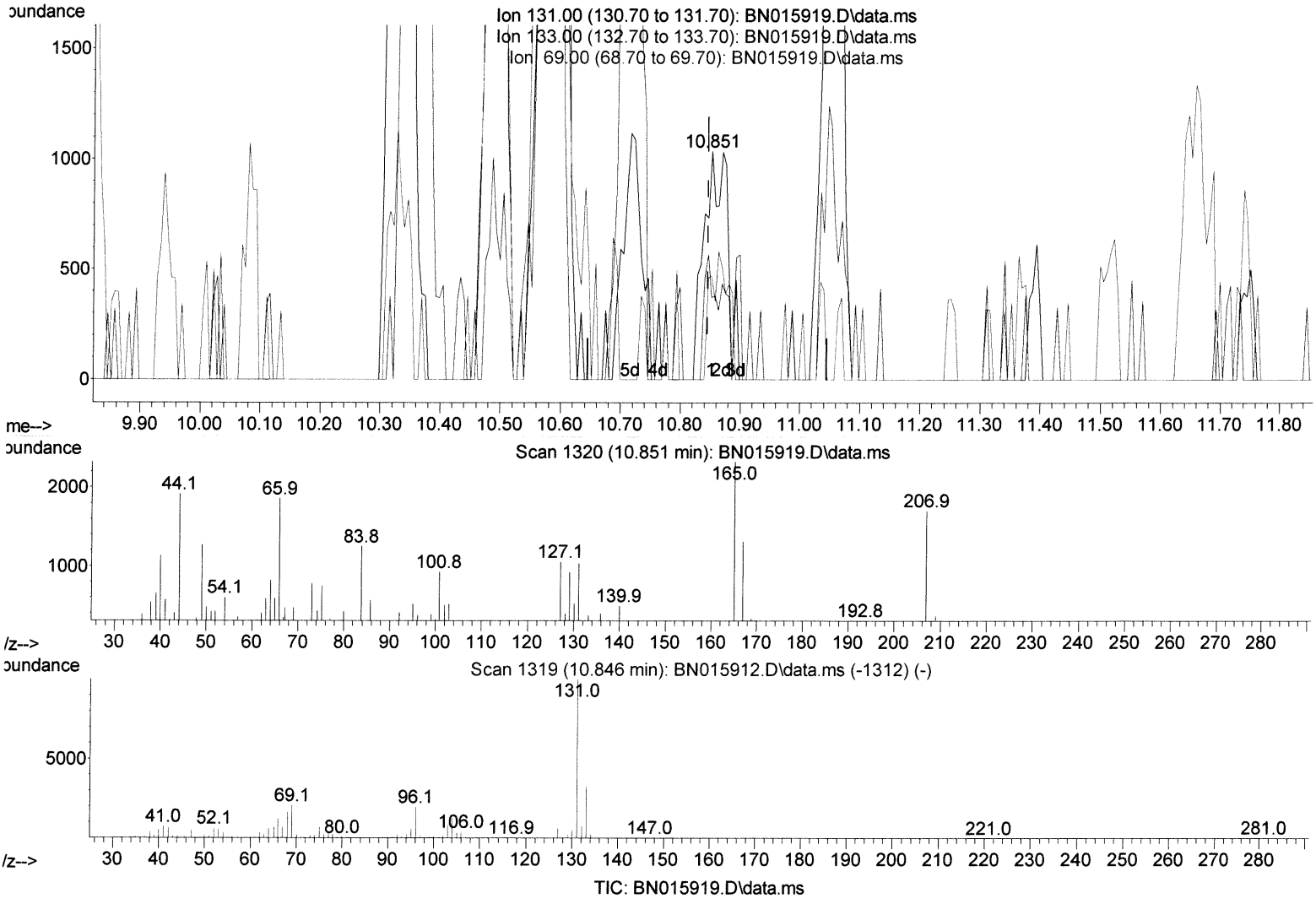

(31) 4-Chloroaniline-d4 (S)

10.851min (+ 0.006) 0.06 ng/ul

response 1520

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.40	36.23
69.00	21.40	45.70#
0.00	0.00	0.00

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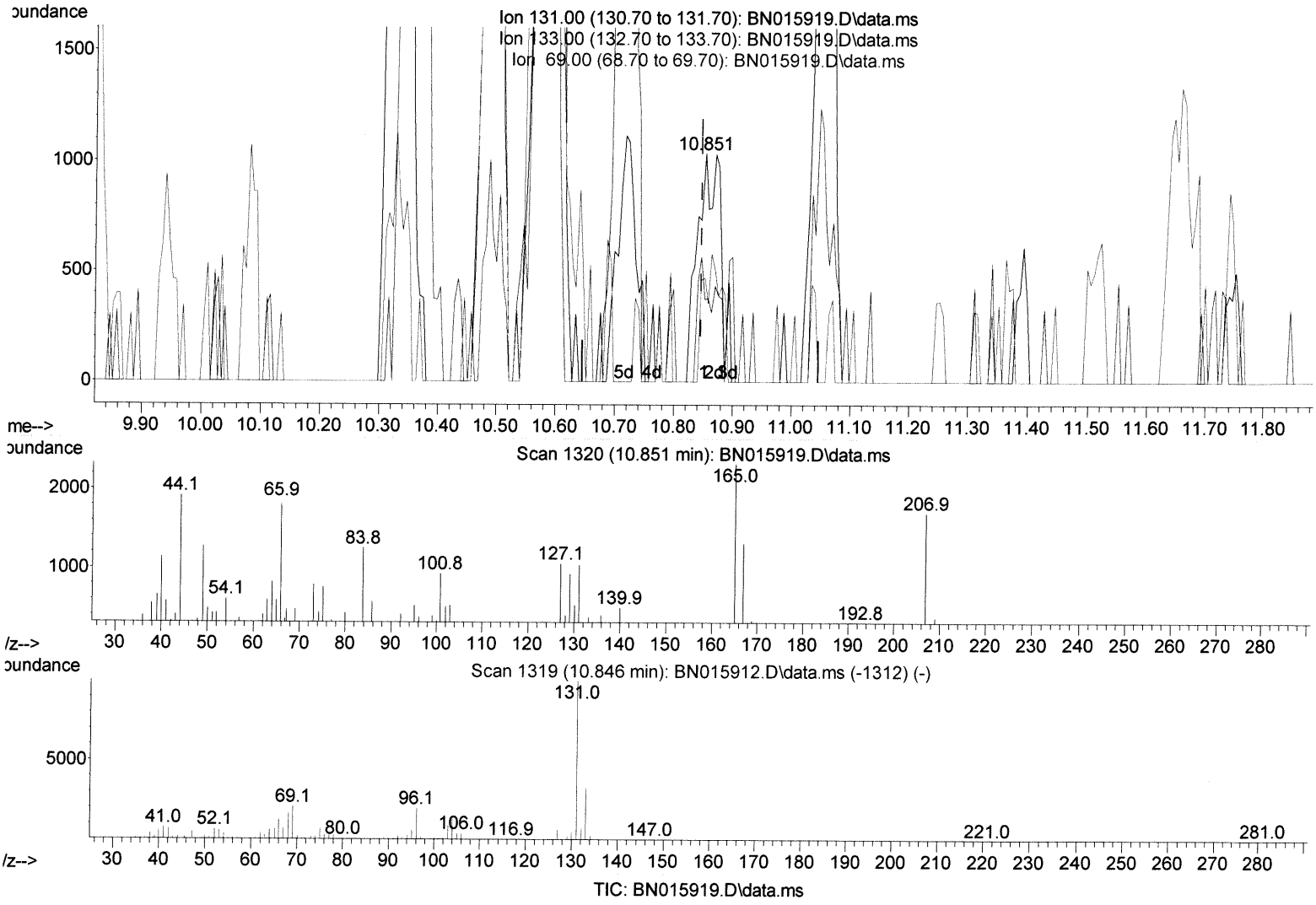

(31) 4-Chloroaniline-d4 (S)

10.851min (+ 0.006) 0.10 ng/ul m JH 8/19/21

response 2668

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.40	36.23
69.00	21.40	45.70#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	292753	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1190865	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	756604	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1543326	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1479246	20.000	ng/ul	0.00
88) Perylene-d12	23.909	264	1425208	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	38189	5.081	ng/uL	0.00
4) Pyridine-d5	3.752	84	139557	6.644	ng/ul	0.00
7) Phenol-d5	7.063	99	60355	2.279	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	481887	29.555	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	587665	31.187	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	145408	7.060	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	316833	36.148	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	327028	39.866	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	596513	33.604	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	2668m)	0.099	ng/ul)	0.00 >JU 8/19/21
46) Dimethylphthalate-d6	13.963	166	2229178	40.202	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1448107	20.854	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	104087	10.613	ng/ul	0.01
60) Fluorene-d10	15.545	176	1888345	39.042	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	359775	43.651	ng/ul	0.00
73) Anthracene-d10	17.398	188	2506423	34.649	ng/ul	0.00
81) Pyrene-d10	19.692	212	3028667	38.012	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	2376770	30.843	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	40979	5.304	ng/uL#	94
5) Pyridine	3.769	79	175902	8.123	ng/ul	96
6) Benzaldehyde	7.040	77	630897	46.303	ng/ul	99
8) Phenol	7.087	94	98820	3.661	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	692180	32.728	ng/ul	98
12) 2-Chlorophenol	7.463	128	753596	38.909	ng/ul	99
13) 2-Methylphenol	8.346	108	133515	6.752	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.434	45	827665	30.644	ng/ul	97
16) Acetophenone	8.728	105	1138170	34.244	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.710	70	598853	36.896	ng/ul	99
18) 4-Methylphenol	8.669	108	106769	5.045	ng/ul	84
19) Hexachloroethane	8.987	117	262019	29.791	ng/ul	85
22) Nitrobenzene	9.110	77	916619	36.984	ng/ul	100
23) Isophorone	9.634	82	1639473	38.023	ng/ul	99
25) 2-Nitrophenol	9.822	139	377058	42.150	ng/ul	97
26) 2,4-Dimethylphenol	9.881	107	128952	5.397	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.122	93	937117	35.384	ng/ul	99
29) 2,4-Dichlorophenol	10.357	162	640751	36.610	ng/ul	100
30) Naphthalene	10.763	128	2091723	32.796	ng/ul	98
32) 4-Chloroaniline	10.881	127	13059	0.490	ng/ul	92
33) Hexachlorobutadiene	11.051	225	432192	32.139	ng/ul	96
34) Caprolactam	11.645	113	46669	8.511	ng/ul	94
35) 4-Chloro-3-methylphenol	11.998	107	656666	31.676	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	1428713	32.212	ng/ul	97
37) 1-Methylnaphthalene	12.592	142	1497565	33.922	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.745	216	894625	36.550	ng/ul	96
40) Hexachlorocyclopentadiene	12.728	237	531653	33.503	ng/ul	99
41) 2,4,6-Trichlorophenol	12.986	196	575642	43.011	ng/ul	95
42) 2,4,5-Trichlorophenol	13.051	196	634689	43.436	ng/ul	97
43) 1,1'-Biphenyl	13.386	154	2150106	36.751	ng/ul	99
44) 2-Chloronaphthalene	13.428	162	1643813	36.387	ng/ul	99
45) 2-Nitroaniline	13.628	65	540980	42.262	ng/ul	96
47) Dimethylphthalate	14.010	163	2342527	42.617	ng/ul	98
48) 2,6-Dinitrotoluene	14.128	165	493938	49.620	ng/ul	94
50) Acenaphthylene	14.269	152	1835991	27.813	ng/ul	99
51) 3-Nitroaniline	14.451	138	25635	2.395	ng/ul	97
52) Acenaphthene	14.616	153	1525607	31.952	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	252907	45.725	ng/ul	99
55) 4-Nitrophenol	14.757	109	115781	12.065	ng/ul#	83
56) Dibenzofuran	14.951	168	2650767	40.156	ng/ul	100
57) 2,4-Dinitrotoluene	14.910	165	710262	49.538	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.175	232	600736	49.685	ng/ul	100
59) Diethylphthalate	15.375	149	2464170	44.833	ng/ul	99
61) Fluorene	15.598	166	2271833	42.175	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	1131109	40.268	ng/ul	98
63) 4-Nitroaniline	15.616	138	123796	12.072	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.675	198	381760	46.569	ng/ul	98
67) N-Nitrosodiphenylamine	15.804	169	463557	10.291	ng/ul	99
68) 4-Bromophenyl-phenylether	16.492	248	747312	45.124	ng/ul	94
69) Hexachlorobenzene	16.604	284	838801	43.341	ng/ul	96
70) Atrazine	16.763	200	653126	39.973	ng/ul	97
71) Pentachlorophenol	16.945	266	472554	43.524	ng/ul	96
72) Phenanthrene	17.345	178	3574459	42.604	ng/ul	99
74) Anthracene	17.433	178	3214140	37.524	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	919854	37.839	ng/uL	98
76) Pentachlorobenzene	14.869	250	996820	42.126	ng/uL	94
77) Carbazole	17.704	167	2069986	27.486	ng/ul	98
78) Di-n-butylphthalate	18.274	149	4139655	48.344	ng/ul	99
80) Fluoranthene	19.357	202	4265180	44.244	ng/ul	98
82) Pyrene	19.721	202	4185839	41.720	ng/ul	95
83) Butylbenzylphthalate	20.621	149	1806401	53.539	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.404	252	282512	9.327	ng/ul	99
85) Benzo(a)anthracene	21.468	228	4056422	42.620	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	2592449	48.448	ng/ul	99
87) Chrysene	21.521	228	3871078	42.009	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	4457270	49.413	ng/ul	100
90) Benzo(b)fluoranthene	23.168	252	4390320	46.855	ng/ul	98
91) Benzo(k)fluoranthene	23.221	252	3973729	42.595	ng/ul	96
93) Benzo(a)pyrene	23.804	252	2964083	34.946	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.433	276	4722445	44.903	ng/ul	98
95) Dibenzo(a,h)anthracene	26.450	278	3955272	45.555	ng/ul	98
96) Benzo(g,h,i)perylene	27.203	276	3610465	41.521	ng/ul	97

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