Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
Data File : BN010445.D
Acq On : 09 Apr 2020 02:41
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 09 03:21:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 08 13:35:12 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02072

Manual Integrations APPROVED
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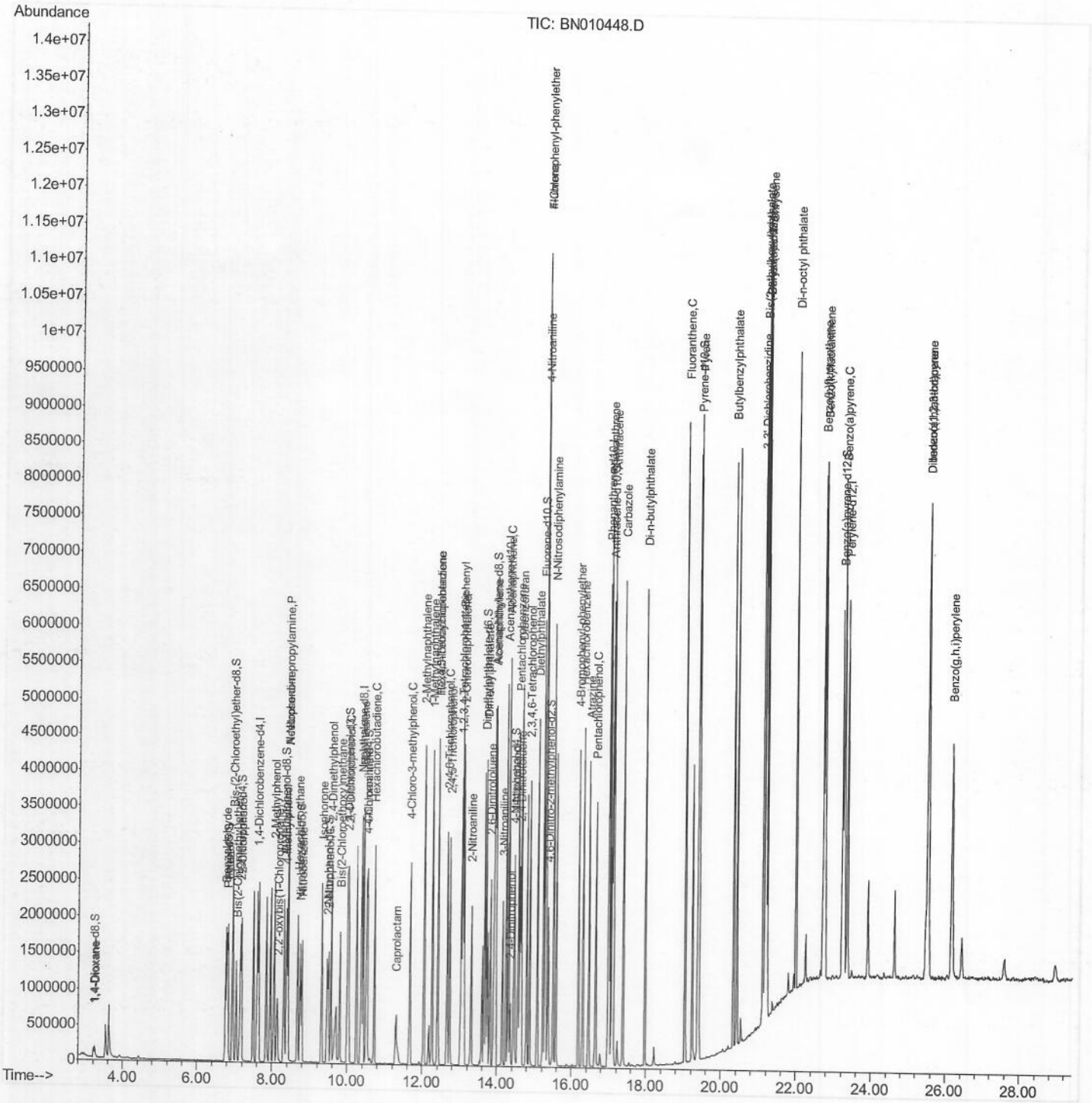

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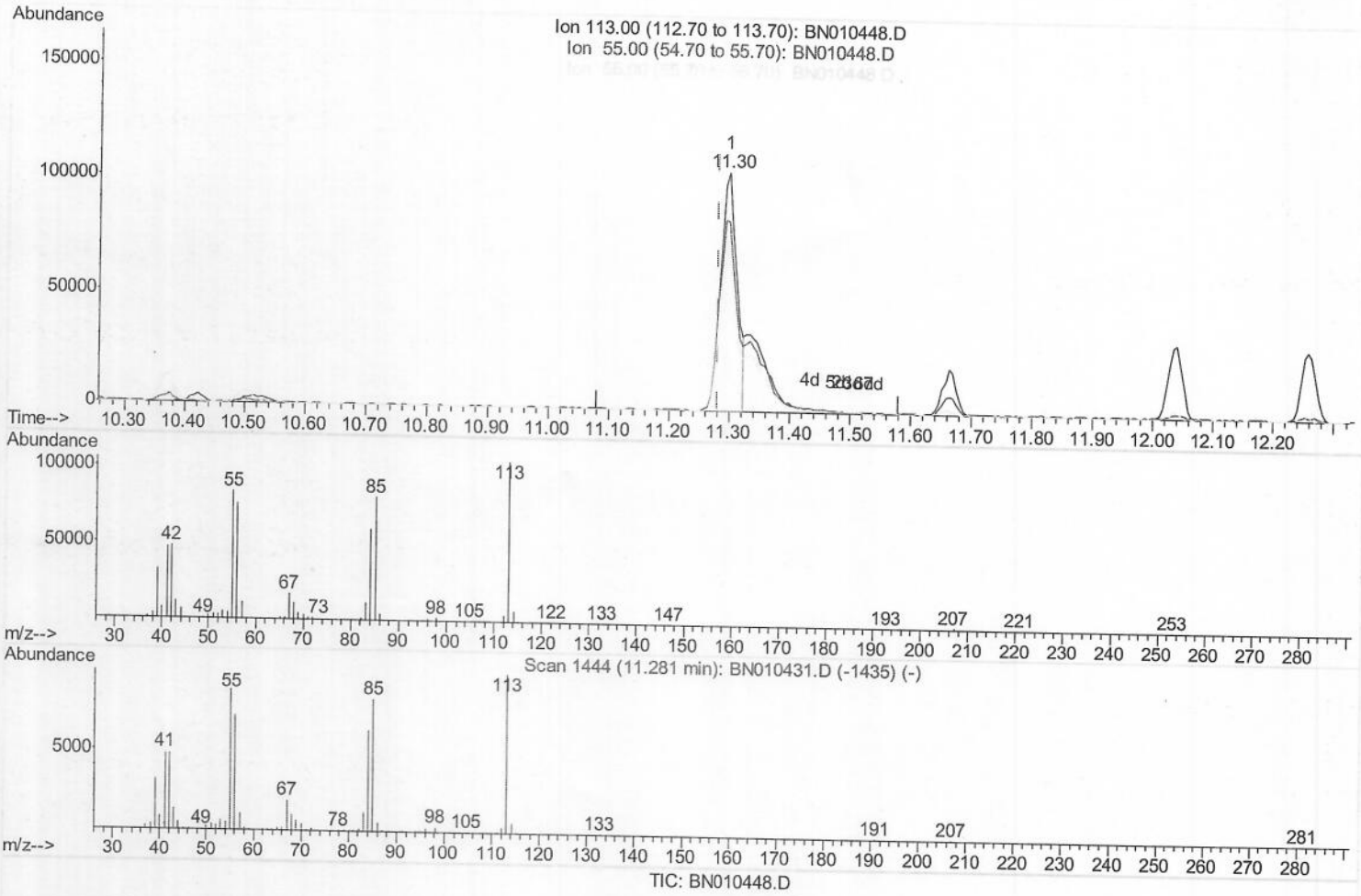

(32) Caprolactam

11.298min (+0.018) 12.93ng/ul

response 199456

Ion	Exp%	Act%
113.00	100	100
55.00	93.80	79.39
56.00	70.30	71.70
0.00	0.00	0.00

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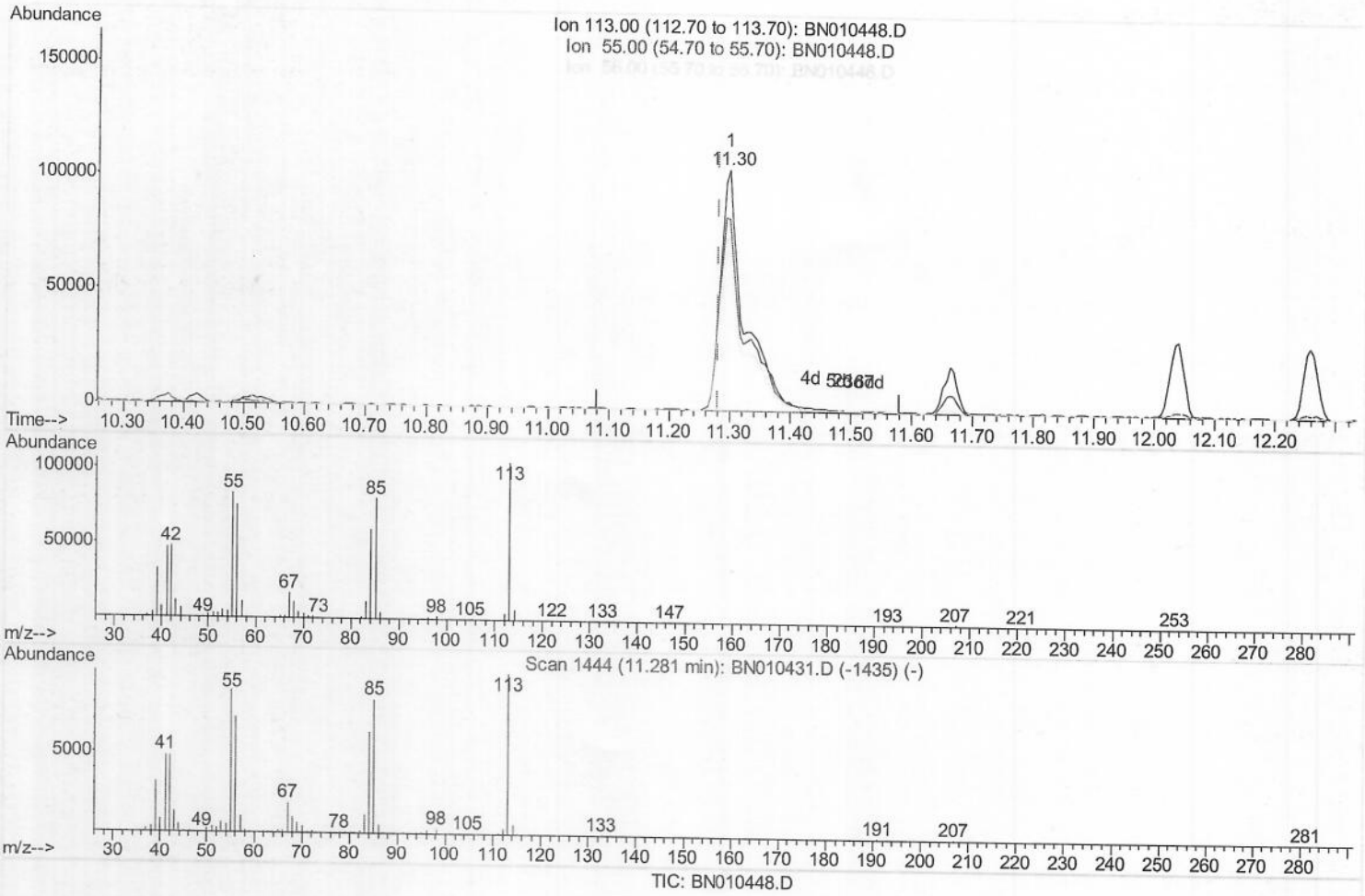

(32) Caprolactam

11.298min (+0.018) 18.78ng/ul m

response 289720

Ion	Exp%	Act%
113.00	100	100
55.00	93.80	79.39
56.00	70.30	71.70
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	7.61	152	661608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2808709	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1802074	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.99	188	3979786	20.00	ng/ul	0.01
78) Chrysene-d12	21.19	240	3600012	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	3537078	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	97869	7.00	ng/uL	0.00
5) Phenol-d5	6.80	99	1042746	18.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.95	67	591237	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	901874	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	870341	18.67	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	451560	21.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	506737	22.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	974987	21.30	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	1251400	23.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	2779924	20.44	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	3273583	20.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	519839	20.36	ng/ul	0.01
58) Fluorene-d10	15.23	176	2387331	20.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	352444	15.47	ng/ul	0.01
71) Anthracene-d10	17.08	188	3736081	20.44	ng/ul	0.00
79) Pyrene-d10	19.39	212	4304365	23.20	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.22	264	3727316	21.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	102134	6.906	ng/uL	94
4) Benzaldehyde	6.76	77	697662	24.742	ng/ul	99
6) Phenol	6.82	94	1062766	18.401	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.05	93	826404	18.510	ng/ul	98
10) 2-Chlorophenol	7.18	128	926310	20.410	ng/ul	98
11) 2-Methylphenol	8.05	108	828601	18.462	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.14	45	520563	17.019	ng/ul	93
14) Acetophenone	8.42	105	1361395	19.209	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.41	70	649503	18.776	ng/ul	98
16) 4-Methylphenol	8.38	108	891419	18.164	ng/ul	97
17) Hexachloroethane	8.68	117	363591	19.773	ng/ul	98
20) Nitrobenzene	8.79	77	1000233	19.735	ng/ul	97
21) Isophorone	9.32	82	1839230	18.977	ng/ul	99
23) 2-Nitrophenol	9.49	139	530525	21.033	ng/ul	97
24) 2,4-Dimethylphenol	9.56	107	948583	18.392	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	1128208	18.531	ng/ul	100
27) 2,4-Dichlorophenol	10.03	162	954416	20.645	ng/ul	98
28) Naphthalene	10.42	128	2935431	19.427	ng/ul	100
30) 4-Chloroaniline	10.53	127	1267406	23.323	ng/ul	98
31) Hexachlorobutadiene	10.72	225	640194	20.827	ng/ul	98
32) Caprolactam	11.30	113	289720m	18.781	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	979772	20.098	ng/ul	97
34) 2-Methylnaphthalene	12.04	142	2186473	19.918	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	2060819	18.922	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	1203274	21.174	ng/ul	97
38) Hexachlorocyclopentadiene	12.40	237	447137	11.930	ng/ul	98
39) 2,4,6-Trichlorophenol	12.66	196	778812	21.455	ng/ul	97
40) 2,4,5-Trichlorophenol	12.73	196	845206	21.659	ng/ul	97
41) 1,1'-Biphenyl	13.06	154	2804027	20.448	ng/ul	98
42) 2-Chloronaphthalene	13.10	162	2249414	20.644	ng/ul	99
43) 2-Nitroaniline	13.30	65	547334	22.368	ng/ul	97
45) Dimethylphthalate	13.70	163	2733033	19.465	ng/ul	99
46) 2,6-Dinitrotoluene	13.82	165	618707	22.418	ng/ul	95
48) Acenaphthylene	13.96	152	3529940	20.657	ng/ul	99
49) 3-Nitroaniline	14.14	138	623793	24.217	ng/ul	95
50) Acenaphthene	14.30	153	2342447	19.899	ng/ul	98
51) 2,4-Dinitrophenol	14.35	184	219834	13.822	ng/ul	95
53) 4-Nitrophenol	14.46	109	414813	20.318	ng/ul	99
54) Dibenzofuran	14.64	168	3335545	20.117	ng/ul	97
55) 2,4-Dinitrotoluene	14.60	165	840528	20.752	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.87	232	761824	22.366	ng/ul	99
57) Diethylphthalate	15.08	149	2706817	19.459	ng/ul	98
59) Fluorene	15.29	166	2686707	19.910	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	1348746	19.252	ng/ul	99
61) 4-Nitroaniline	15.30	138	705730	24.287	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.37	198	388892	15.551	ng/ul	98
65) N-Nitrosodiphenylamine	15.50	169	2384053	20.590	ng/ul	94
66) 4-Bromophenyl-phenylether	16.18	248	853044	20.378	ng/ul	95
67) Hexachlorobenzene	16.30	284	961526	20.233	ng/ul	99
68) Atrazine	16.46	200	822414	18.100	ng/ul	99
69) Pentachlorophenol	16.64	266	615061	21.165	ng/ul	96
70) Phenanthrene	17.03	178	4468125	20.262	ng/ul	98
72) Anthracene	17.12	178	4401807	19.958	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	1198924	19.840	ng/uL	95
74) Pentachlorobenzene	14.56	250	1136489	19.130	ng/uL	98
75) Carbazole	17.39	167	4125409	22.494	ng/ul	99
76) Di-n-butylphthalate	17.97	149	4802027	21.067	ng/ul	99
77) Fluoranthene	19.05	202	5473275	23.305	ng/ul	97
80) Pyrene	19.42	202	5420459	22.518	ng/ul	97
81) Butylbenzylphthalate	20.33	149	2349682	24.476	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.11	252	2012486	24.578	ng/ul	97
83) Benzo(a)anthracene	21.17	228	5201085	21.504	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	3401327	23.943	ng/ul	96
85) Chrysene	21.22	228	4884087	21.175	ng/ul	97
87) Di-n-octyl phthalate	21.99	149	5915264	34.043	ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	4637437	21.651	ng/ul	95
89) Benzo(k)fluoranthene	22.76	252	4411530	21.202	ng/ul	98
91) Benzo(a)pyrene	23.27	252	4360474	21.745	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.52	276	4661118	18.011	ng/ul	97
93) Dibenzo(a,h)anthracene	25.53	278	3868676	18.099	ng/ul	98
94) Benzo(g,h,i)perylene	26.17	276	3700375	16.970	ng/ul	98

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

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