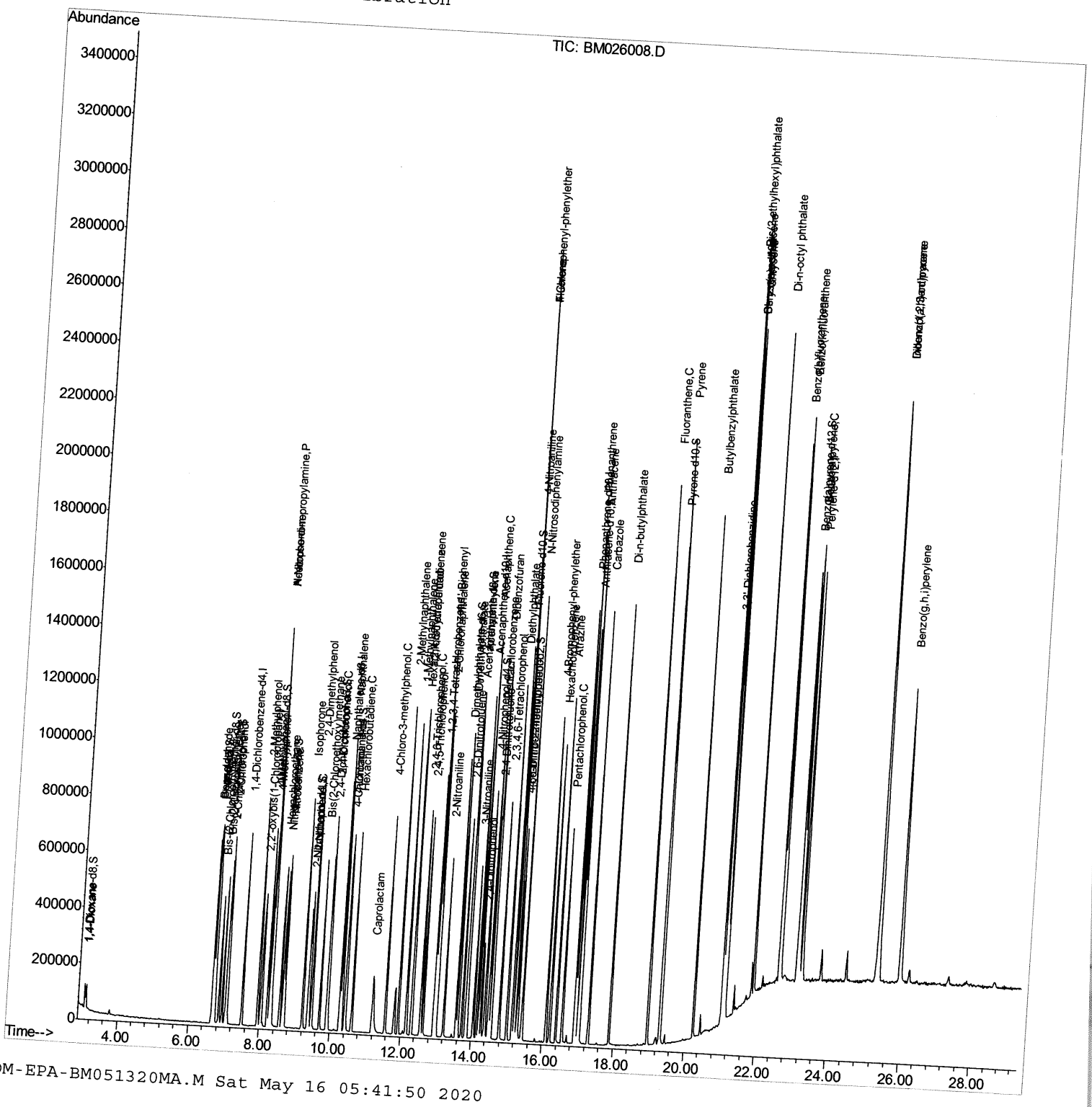
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM026008.D
Acq On : 16 May 2020 04:55
Operator : MA/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 16 05:46:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 15 12:17:41 2020
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02060

Manual Integrations APPROVED
Sohil
5/18/2020 10:00:29 AM



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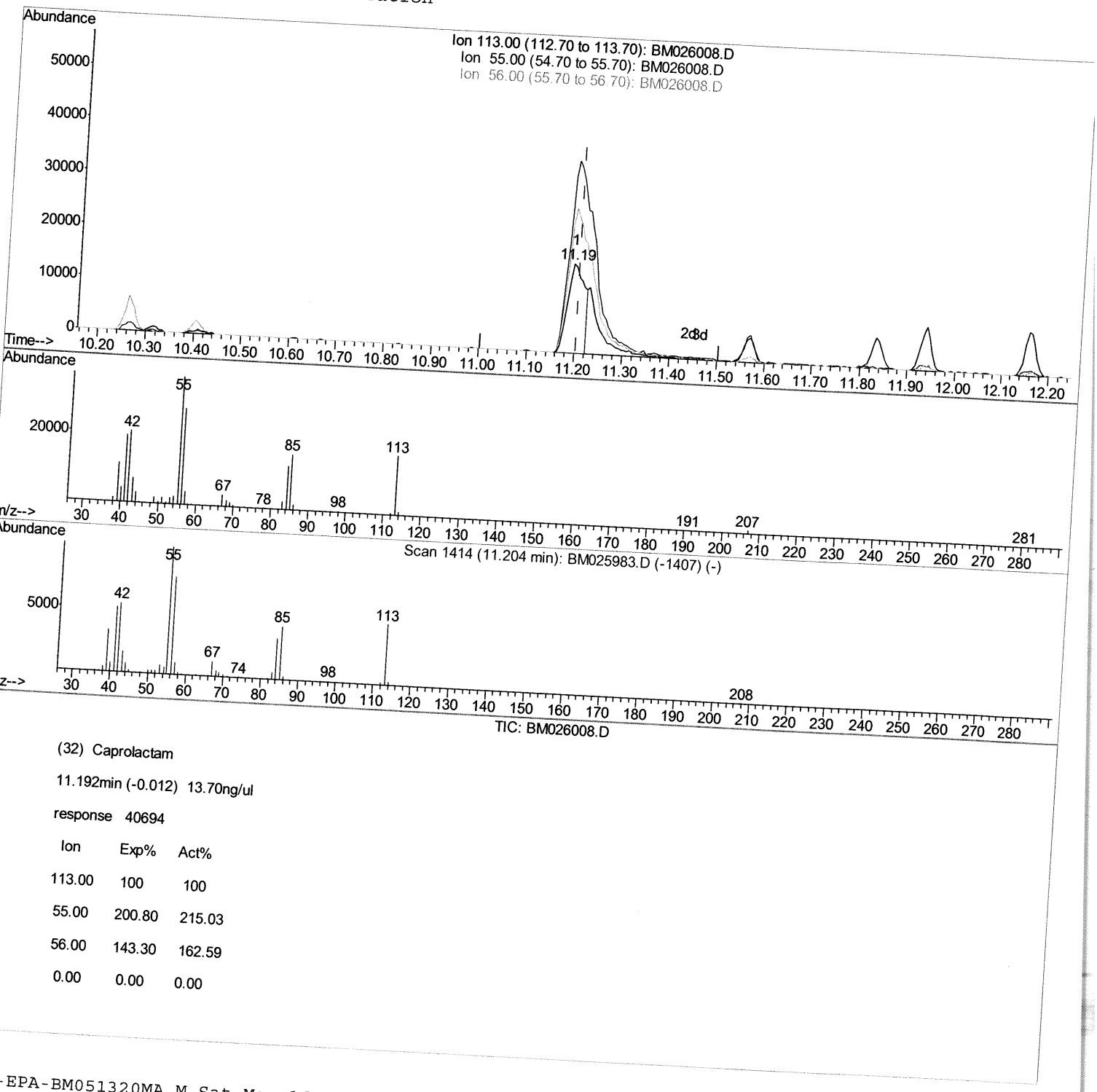

(32) Caprolactam

11.192min (-0.012) 13.70ng/ul

response 40694

Ion	Exp%	Act%
113.00	100	100
55.00	200.80	215.03
56.00	143.30	162.59
0.00	0.00	0.00

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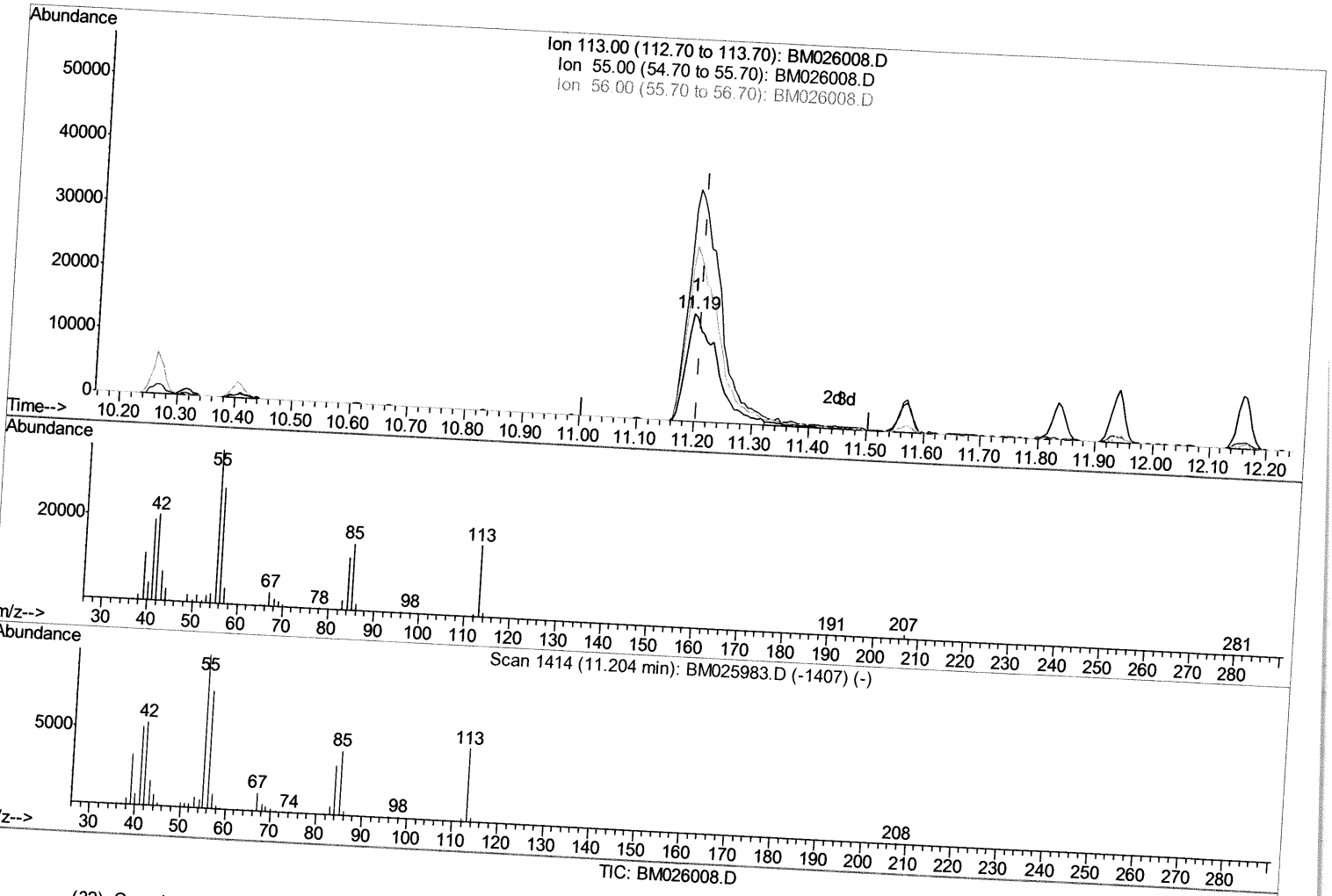

(32) Caprolactam

11.192min (-0.012) 20.84ng/ul m 05/18/20 AP

response 61906

Ion	Exp%	Act%
113.00	100	100
55.00	200.80	215.03
56.00	143.30	162.59
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	7.50	152	156909	20.00 ng/ul	0.00
18) Naphthalene-d8	10.27	136	636084	20.00 ng/ul	0.00
36) Acenaphthene-d10	14.15	164	372706	20.00 ng/ul	0.00
62) Phenanthrene-d10	16.90	188	786994	20.00 ng/ul	0.00
78) Chrysene-d12	21.09	240	836603	20.00 ng/ul	0.00
86) Perylene-d12	23.22	264	882803	20.00 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.08	96	36966	7.11 ng/uL	0.00
5) Phenol-d5	6.69	99	292863	20.57 ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	203846	20.70 ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	215129	19.31 ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	220013	20.51 ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	103317	19.93 ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	104033	20.28 ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	204245	19.83 ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	253952	24.31 ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	582049	19.47 ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	696878	19.68 ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	109649	20.72 ng/ul	0.00
58) Fluorene-d10	15.15	176	502505	19.33 ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	86732	18.90 ng/ul	0.00
71) Anthracene-d10	17.00	188	755776	19.49 ng/ul	0.00
79) Pyrene-d10	19.29	212	843169	19.62 ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	924457	19.67 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.11	88	40981	7.582 ng/uL	94
4) Benzaldehyde	6.66	77	212791	22.973 ng/ul	95
6) Phenol	6.72	94	321116	20.125 ng/ul	98
8) Bis(2-Chloroethyl)ether	6.95	93	251092	20.452 ng/ul	98
10) 2-Chlorophenol	7.07	128	235066	19.357 ng/ul	98
11) 2-Methylphenol	7.95	108	226576	20.609 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.04	45	467808	20.992 ng/ul	99
14) Acetophenone	8.32	105	369761	20.546 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.31	70	210139	19.815 ng/ul	100
16) 4-Methylphenol	8.28	108	245735	20.553 ng/ul	99
17) Hexachloroethane	8.57	117	100851	19.358 ng/ul	98
20) Nitrobenzene	8.69	77	313509	19.685 ng/ul	98
21) Isophorone	9.22	82	525951	19.855 ng/ul	98
23) 2-Nitrophenol	9.39	139	119336	20.014 ng/ul	98
24) 2,4-Dimethylphenol	9.47	107	275290	19.326 ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.70	93	321754	19.258 ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	208583	19.527 ng/ul	98
28) Naphthalene	10.32	128	733590	18.863 ng/ul	98
30) 4-Chloroaniline	10.43	127	261040	23.922 ng/ul	100
31) Hexachlorobutadiene	10.62	225	136550	19.052 ng/ul	98
32) Caprolactam	11.19	113	61906m	20.838 ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	242748	19.622 ng/ul	98
34) 2-Methylnaphthalene	11.94	142	502271	19.201 ng/ul	98

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Manual Integrations APPROVED
Sohil
5/18/2020 10:00:29 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	465525	19.182	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	254207	19.029	ng/ul	99
38) Hexachlorocyclopentadiene	12.30	237	150156	19.498	ng/ul	100
39) 2,4,6-Trichlorophenol	12.57	196	157640	20.284	ng/ul	98
40) 2,4,5-Trichlorophenol	12.63	196	170144	19.839	ng/ul	100
41) 1,1'-Biphenyl	12.97	154	633030	19.141	ng/ul	100
42) 2-Chloronaphthalene	13.01	162	483757	18.956	ng/ul	98
43) 2-Nitroaniline	13.22	65	178942	20.804	ng/ul	97
45) Dimethylphthalate	13.62	163	595339	18.972	ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	119385	20.735	ng/ul	98
48) Acenaphthylene	13.86	152	759173	19.529	ng/ul	99
49) 3-Nitroaniline	14.06	138	115849	22.605	ng/ul	99
50) Acenaphthene	14.21	153	525177	19.156	ng/ul	99
51) 2,4-Dinitrophenol	14.27	184	56755	17.932	ng/ul	94
53) 4-Nitrophenol	14.37	109	97613	20.725	ng/ul	97
54) Dibenzofuran	14.55	168	738070	19.156	ng/ul	98
55) 2,4-Dinitrotoluene	14.52	165	172811	20.252	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.79	232	144714	20.065	ng/ul	99
57) Diethylphthalate	15.00	149	608275	19.604	ng/ul	99
59) Fluorene	15.20	166	605353	19.423	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.21	204	298099	19.166	ng/ul	97
61) 4-Nitroaniline	15.22	138	136351	21.297	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.29	198	95690	19.807	ng/ul	94
65) N-Nitrosodiphenylamine	15.42	169	515525	19.545	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	179447	19.580	ng/ul	96
67) Hexachlorobenzene	16.22	284	198714	19.284	ng/ul	99
68) Atrazine	16.39	200	178609	20.678	ng/ul	100
69) Pentachlorophenol	16.56	266	112023	19.739	ng/ul	98
70) Phenanthrene	16.94	178	947631	19.116	ng/ul	99
72) Anthracene	17.03	178	961057	19.323	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	253958	19.319	ng/uL	99
74) Pentachlorobenzene	14.47	250	236966	19.001	ng/uL	99
75) Carbazole	17.30	167	864216	21.004	ng/ul	99
76) Di-n-butylphthalate	17.89	149	986903	20.027	ng/ul	99
77) Fluoranthene	18.96	202	1086444	20.893	ng/ul	100
80) Pyrene	19.32	202	1147908	19.545	ng/ul	99
81) Butylbenzylphthalate	20.25	149	432382	20.799	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.02	252	329005	21.475	ng/ul	98
83) Benzo(a)anthracene	21.08	228	1123242	19.479	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	666226	20.674	ng/ul	99
85) Chrysene	21.13	228	1107185	19.317	ng/ul	100
87) Di-n-octyl phthalate	21.89	149	1115297	20.102	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1146402	19.199	ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	1149722	19.277	ng/ul	99
91) Benzo(a)pyrene	23.13	252	1018500	19.381	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	1315476	19.288	ng/ul	98
93) Dibenzo(a,h)anthracene	25.31	278	1105973	19.150	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	1084189	19.046	ng/ul	99

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Internal Standards R.T. QIon Response Conc Units Dev(Min)

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