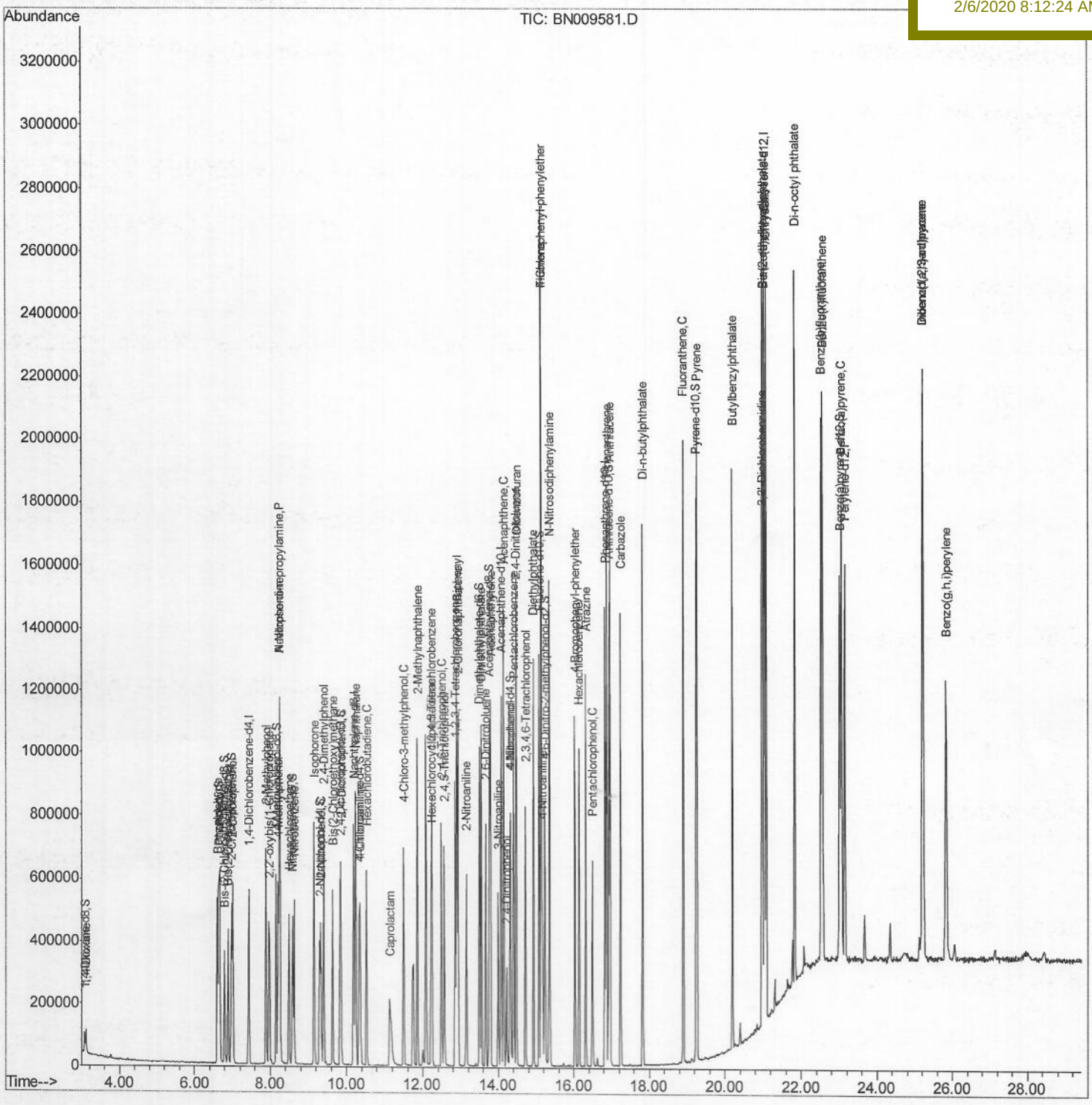
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009581.D
Acq On : 05 Feb 2020 01:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Feb 05 01:47:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02074

Manual Integrations APPROVED
mohammad
2/6/2020 8:12:24 AM



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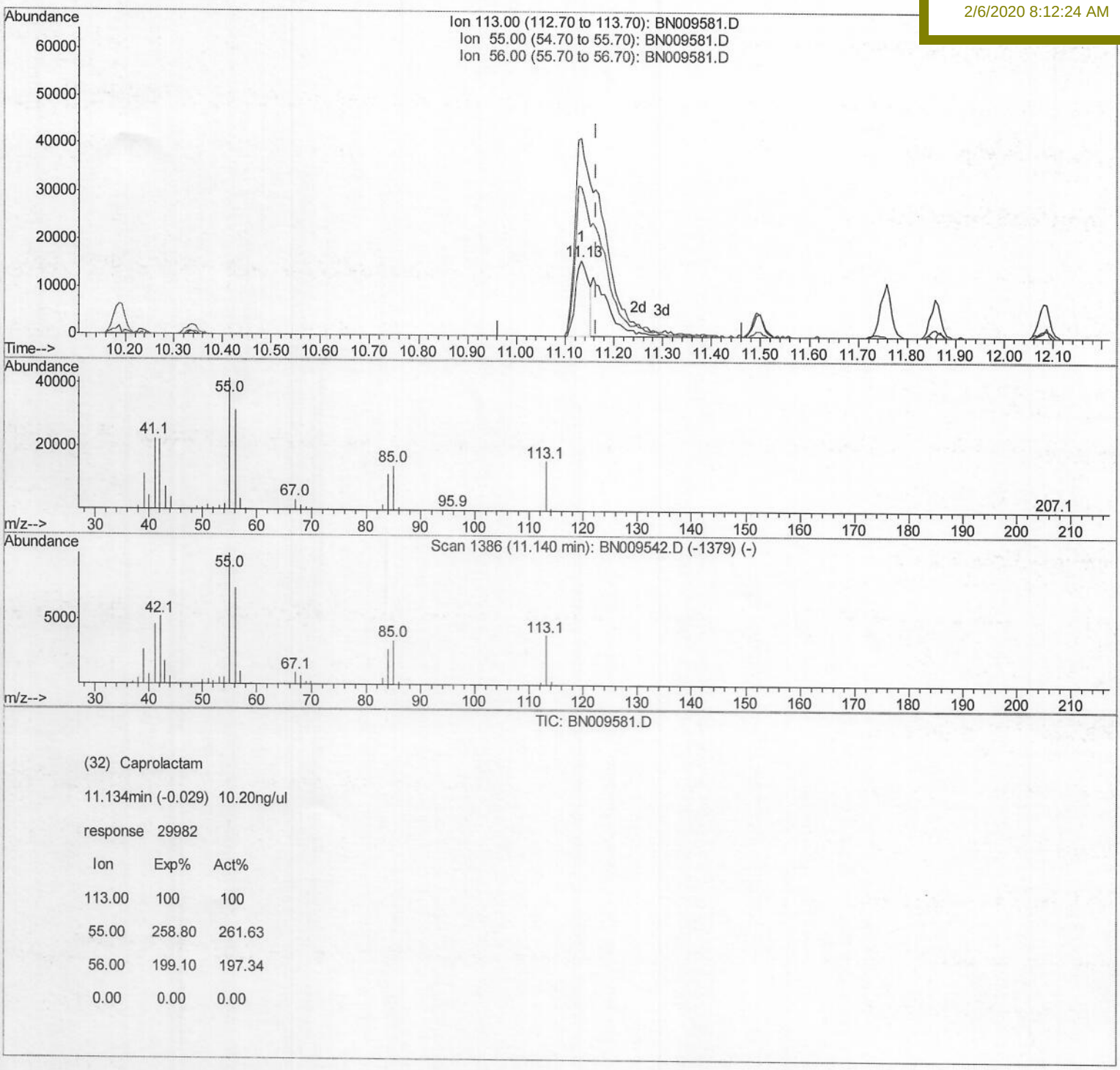

TIC: BN009581.D

(32) Caprolactam

11.134min (-0.029) 10.20ng/ul

response 29982

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	261.63
56.00	199.10	197.34
0.00	0.00	0.00

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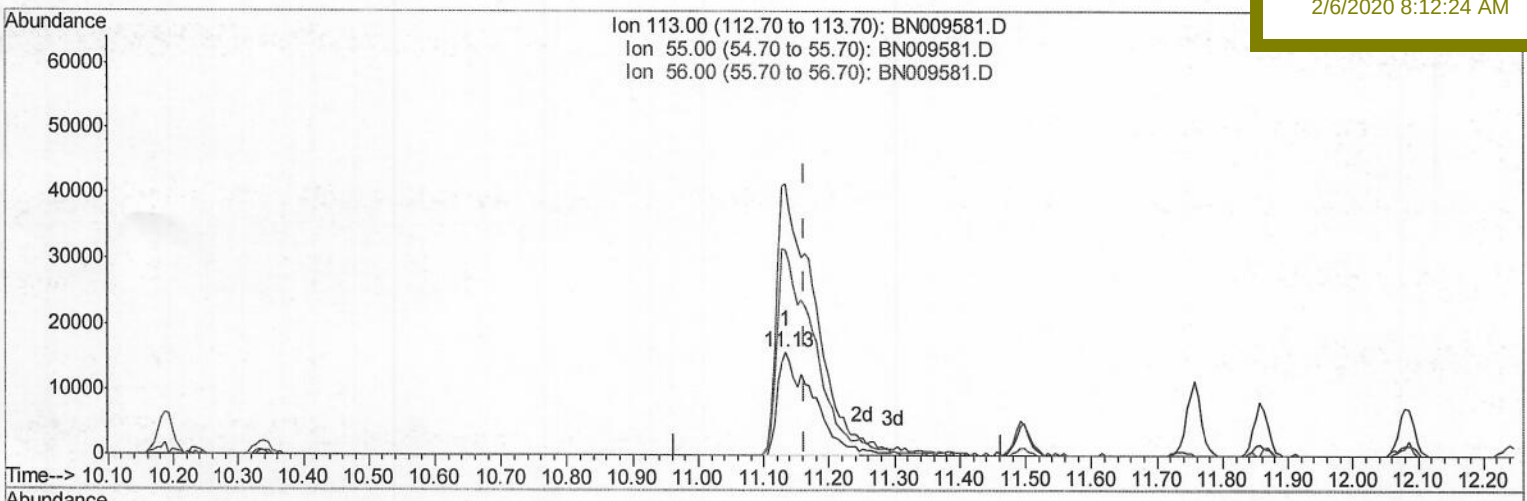

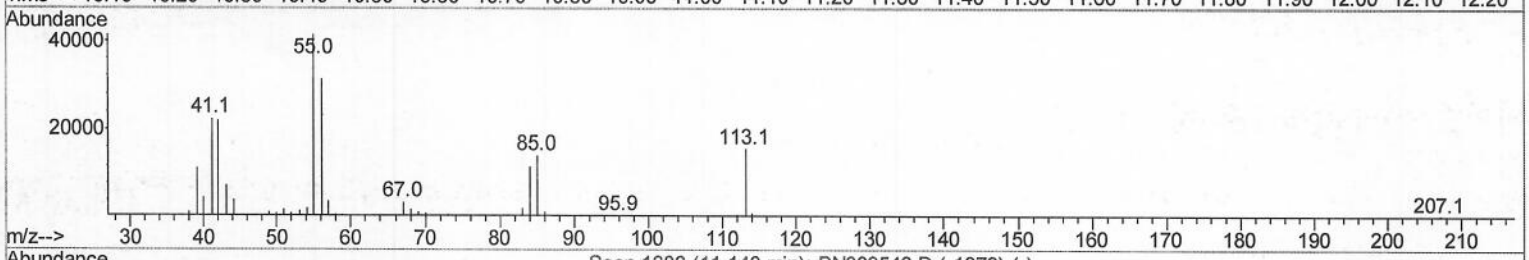

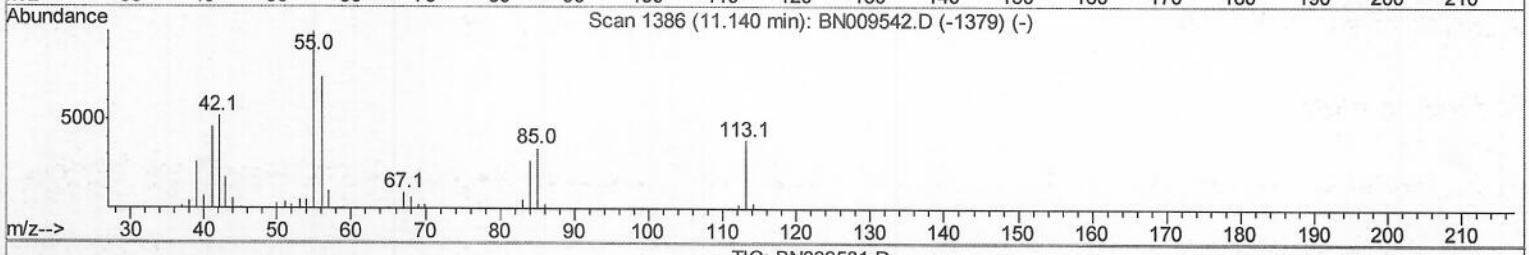

TIC: BN009581.D

(32) Caprolactam

11.134min (-0.029) 20.15ng/ul m > JU 02/06/20

response 59210

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	261.63
56.00	199.10	197.34
0.00	0.00	0.00

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2/6/2020 8:12:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	132080	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	555633	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	367363	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	783943	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	719118	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	768105	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	25526	7.93	ng/uL	0.00
5) Phenol-d5	6.63	99	235587	20.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	161900	20.92	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	182711	21.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	187732	20.46	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	88776	21.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	94012	20.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	187657	21.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	192560	20.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	565143	21.07	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	700964	21.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	99271	19.60	ng/ul	0.00
57) Fluorene-d10	15.08	176	502978	21.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	93450	19.09	ng/ul	0.00
70) Anthracene-d10	16.93	188	758019	21.28	ng/ul	0.00
78) Pyrene-d10	19.23	212	821072	21.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	794896	21.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	28880	7.864	ng/uL	98
4) Benzaldehyde	6.60	77	167811	21.232	ng/ul	97
6) Phenol	6.66	94	253137	20.563	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.89	93	196425	20.456	ng/ul	96
10) 2-Chlorophenol	7.01	128	190989	21.710	ng/ul	98
11) 2-Methylphenol	7.89	108	186501	20.502	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.96	45	482299	20.994	ng/ul	100
14) Acetophenone	8.25	105	302388	20.601	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.25	70	165782	21.327	ng/ul#	96
16) 4-Methylphenol	8.22	108	204927	20.559	ng/ul	91
17) Hexachloroethane	8.49	117	84132	21.100	ng/ul	96
20) Nitrobenzene	8.62	77	255553	21.535	ng/ul	98
21) Isophorone	9.15	82	462772	21.675	ng/ul	99
23) 2-Nitrophenol	9.32	139	109116	21.724	ng/ul	96
24) 2,4-Dimethylphenol	9.40	107	230468	21.128	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.63	93	273806	21.099	ng/ul	99
27) 2,4-Dichlorophenol	9.85	162	187415	21.379	ng/ul	99
28) Naphthalene	10.23	128	643106	21.343	ng/ul	99
30) 4-Chloroaniline	10.36	127	196427	20.479	ng/ul	98
31) Hexachlorobutadiene	10.53	225	119030	21.263	ng/ul	93
32) Caprolactam	11.13	113	59210m	20.149	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	223469	21.865	ng/ul	96
34) 2-Methylnaphthalene	11.86	142	448817	21.285	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.24	216	225481	21.094 ng/ul	89
37) Hexachlorocyclopentadiene	12.22	237	88985	15.295 ng/ul	95
38) 2,4,6-Trichlorophenol	12.49	196	148761	21.374 ng/ul	92
39) 2,4,5-Trichlorophenol	12.56	196	160870	21.110 ng/ul	92
40) 1,1'-Biphenyl	12.90	154	588330	20.569 ng/ul	97
41) 2-Chloronaphthalene	12.93	162	470959	20.967 ng/ul	100
42) 2-Nitroaniline	13.15	65	176728	21.770 ng/ul	94
44) Dimethylphthalate	13.55	163	611306	21.479 ng/ul	100
45) 2,6-Dinitrotoluene	13.67	165	122939	22.124 ng/ul	96
47) Acenaphthylene	13.79	152	758995	21.404 ng/ul	100
48) 3-Nitroaniline	13.99	138	108120	21.428 ng/ul	100
49) Acenaphthene	14.14	153	514216	21.331 ng/ul	98
50) 2,4-Dinitrophenol	14.22	184	56496	16.474 ng/ul	97
52) 4-Nitrophenol	14.32	109	91267	20.140 ng/ul	94
53) Dibenzofuran	14.48	168	719526	21.434 ng/ul	100
54) 2,4-Dinitrotoluene	14.46	165	177025	21.720 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.72	232	131343	20.296 ng/ul	98
56) Diethylphthalate	14.93	149	607648	21.340 ng/ul	98
58) Fluorene	15.13	166	595210	21.216 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.14	204	295500	21.685 ng/ul	95
60) 4-Nitroaniline	15.16	138	136333	21.222 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.23	198	101616	19.222 ng/ul	95
64) N-Nitrosodiphenylamine	15.35	169	497113	21.217 ng/ul	98
65) 4-Bromophenyl-phenylether	16.03	248	168482	21.810 ng/ul	97
66) Hexachlorobenzene	16.15	284	182606	21.565 ng/ul	92
67) Atrazine	16.32	200	180315	20.983 ng/ul	96
68) Pentachlorophenol	16.49	266	101727	19.913 ng/ul	94
69) Phenanthrene	16.87	178	940131	21.029 ng/ul	100
71) Anthracene	16.96	178	976168	21.519 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.86	216	243081	21.204 ng/uL	98
73) Pentachlorobenzene	14.40	250	237507	21.465 ng/uL	96
74) Carbazole	17.24	167	836709	21.184 ng/ul	97
75) Di-n-butylphthalate	17.82	149	1030792	21.291 ng/ul	99
76) Fluoranthene	18.90	202	1083012	21.225 ng/ul	99
79) Pyrene	19.26	202	1123279	21.398 ng/ul	98
80) Butylbenzylphthalate	20.19	149	462615	21.996 ng/ul	93
81) 3,3'-Dichlorobenzidine	20.97	252	325332	21.141 ng/ul#	90
82) Benzo(a)anthracene	21.02	228	1058562	21.320 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	20.99	149	689872	21.769 ng/ul	97
84) Chrysene	21.07	228	1026215	20.761 ng/ul	100
86) Di-n-octyl phthalate	21.83	149	1188592	20.977 ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	1060008	22.057 ng/ul	100
88) Benzo(k)fluoranthene	22.57	252	992814	20.978 ng/ul	96
90) Benzo(a)pyrene	23.06	252	940741	21.128 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.21	276	1125023	21.252 ng/ul	96
92) Dibenzo(a,h)anthracene	25.22	278	935712	20.999 ng/ul	96
93) Benzo(g,h,i)perylene	25.83	276	907399	20.453 ng/ul#	91

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