

(QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010529.D

Acq On : 16 Apr 2020 22:47

Operator : CG/JU

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 17 03:41:29 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

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QLast Update : Thu Apr 16 10:21:51 2020
Response via : T. 100

Response via : Initial Calibration

BNA N

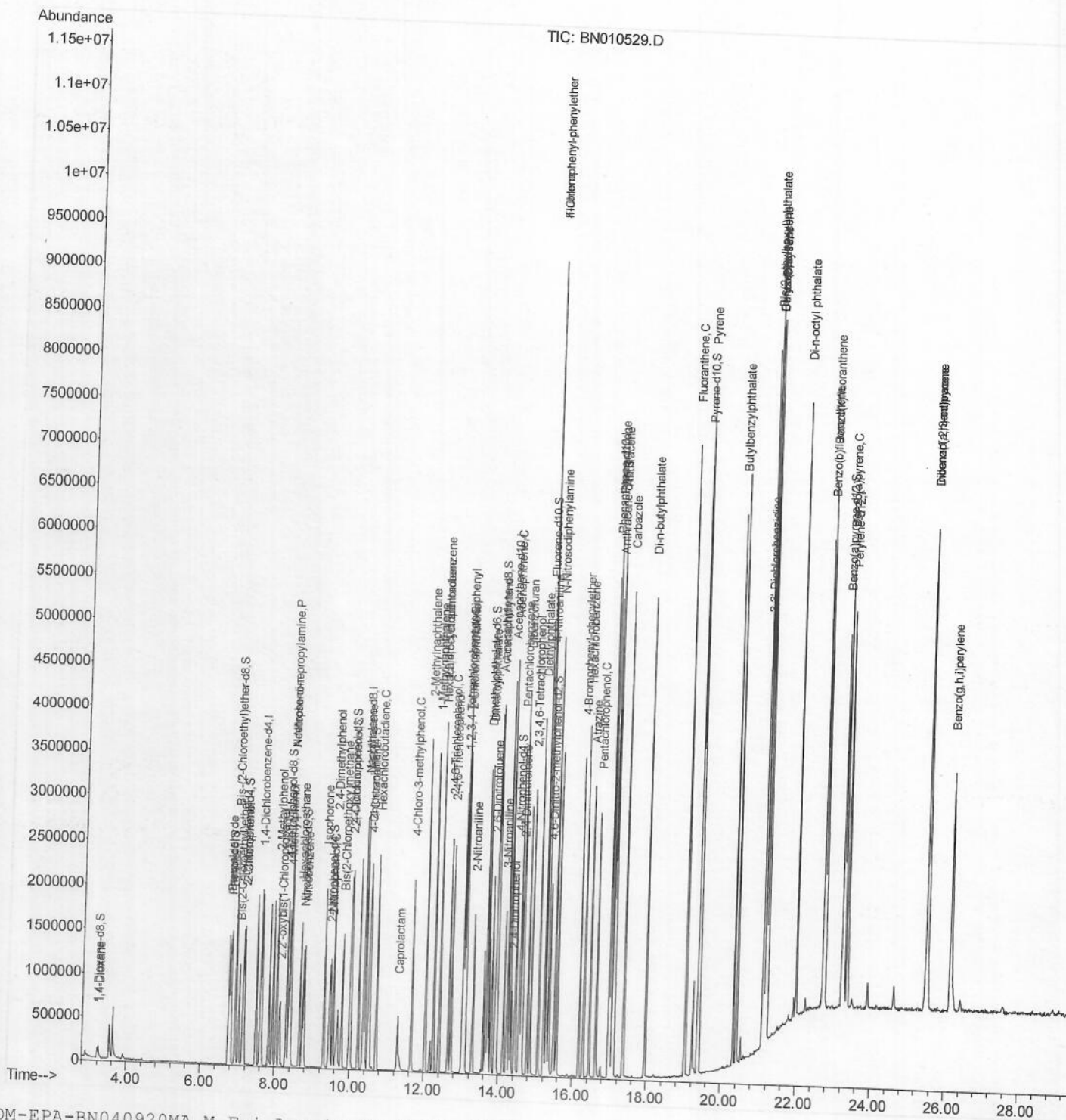
SSTD02077

100

Manual Integrations

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Quantitation Report (Qedit)

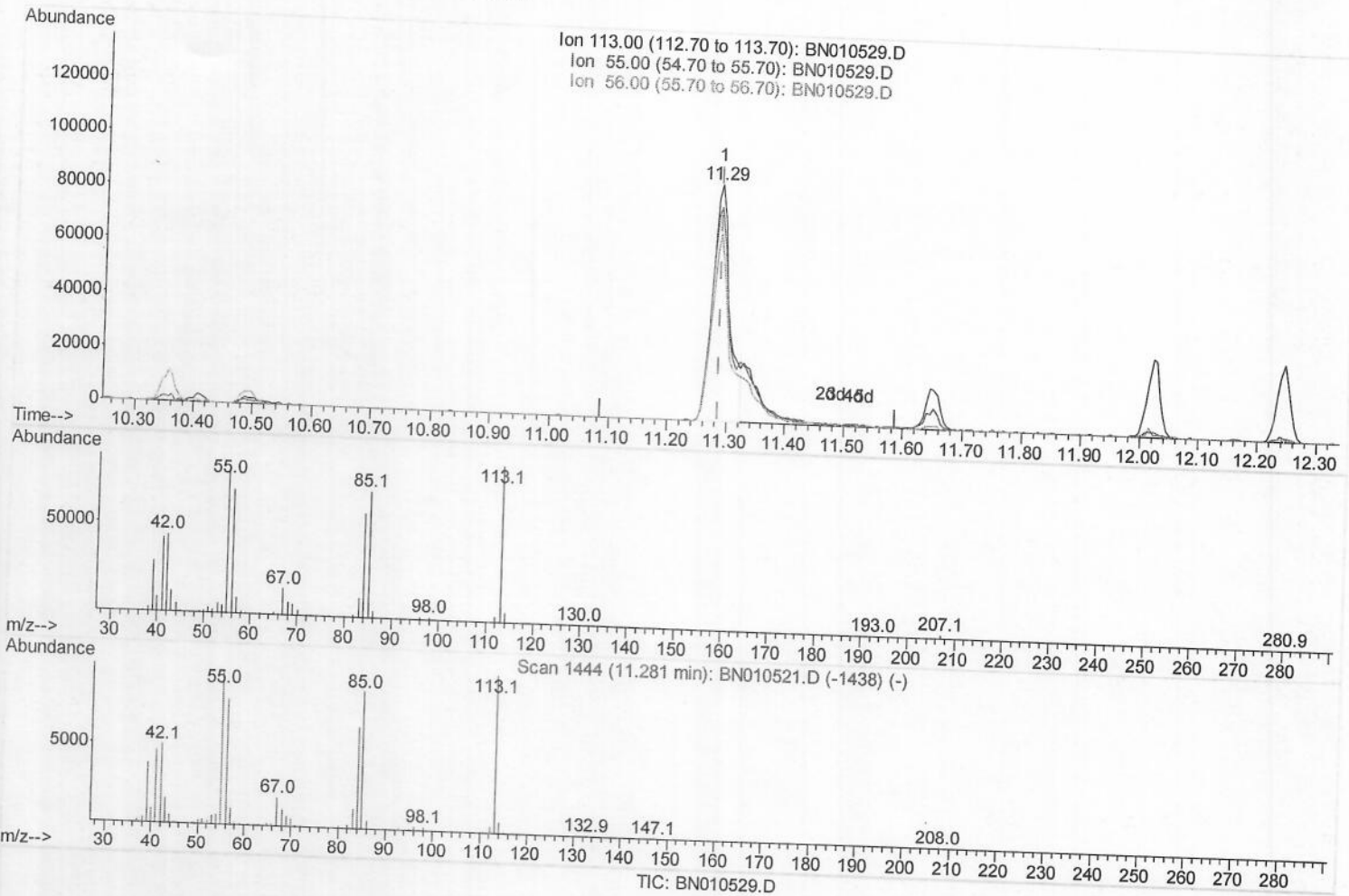
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(32) Caprolactam

11.286min (-0.000) 14.44ng/ul

response 179048

Ion	Exp%	Act%
113.00	100	100
55.00	88.00	90.59
56.00	71.70	79.47
0.00	0.00	0.00

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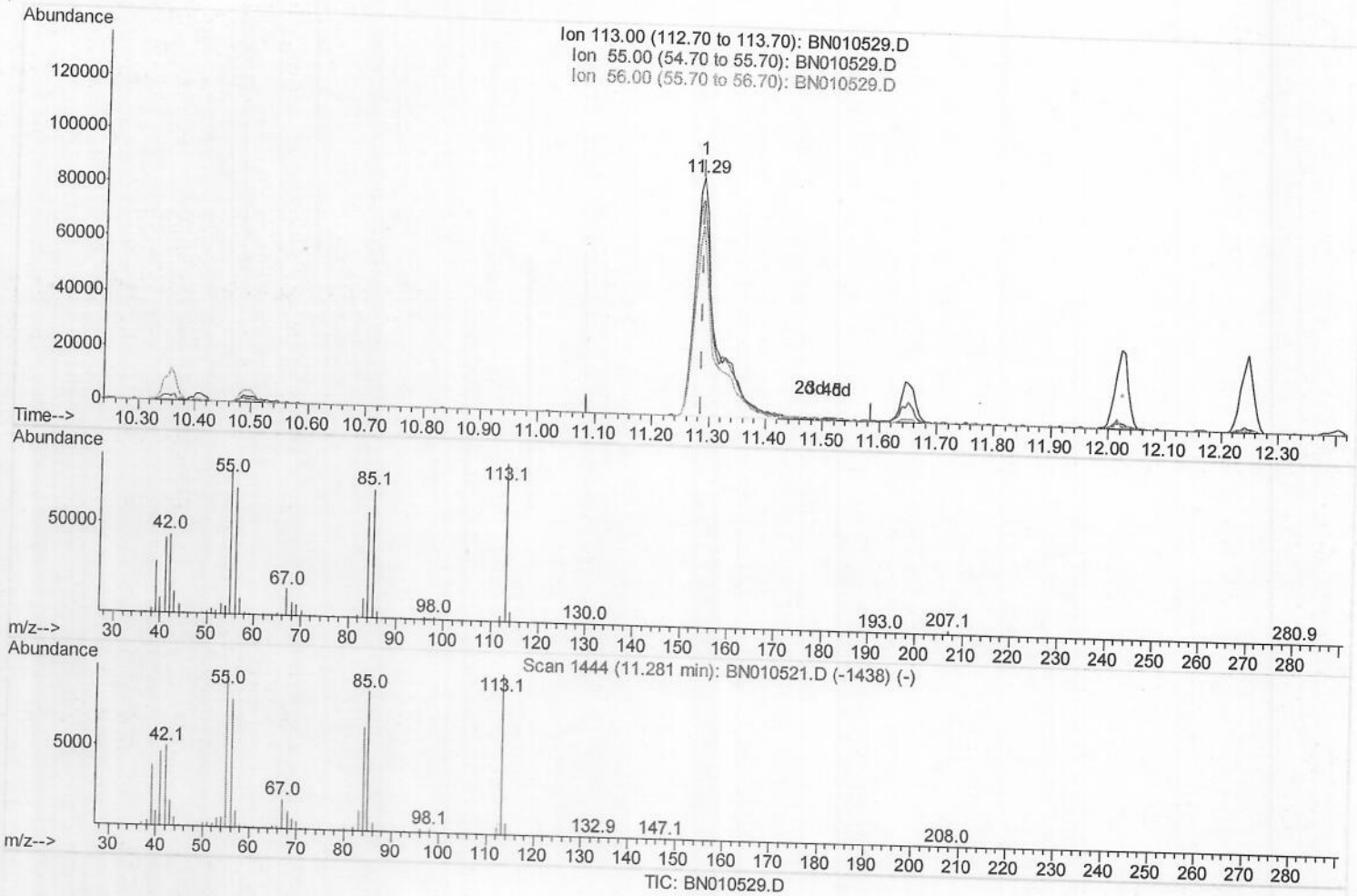
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(32) Caprolactam

11.286min (-0.000) 18.31ng/ul m

response 227155

Ion	Exp%	Act%
113.00	100	100
55.00	88.00	90.59
56.00	71.70	79.47
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	7.60	152	546421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2356653	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1527653	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	3363541	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	3189346	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2900582	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	76033	7.28	ng/uL	0.00
5) Phenol-d5	6.79	99	840084	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	486622	22.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	704380	19.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	702970	19.32	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	362828	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	397245	19.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	792669	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	1038471	22.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	2266116	19.99	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	2689597	19.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	421972	19.12	ng/ul	0.00
58) Fluorene-d10	15.22	176	1950812	19.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	354369	20.17	ng/ul	0.00
71) Anthracene-d10	17.07	188	3014415	19.35	ng/ul	0.00
79) Pyrene-d10	19.37	212	3448614	19.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	2908421	19.33	ng/ul	0.00

Target Compounds

2) 1,4-Dioxane	3.23	88	82333	7.452	ng/uL	93
4) Benzaldehyde	6.75	77	543324	24.251	ng/ul	99
6) Phenol	6.81	94	874108	19.573	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	658886	19.161	ng/ul	98
10) 2-Chlorophenol	7.17	128	729563	19.495	ng/ul	97
11) 2-Methylphenol	8.04	108	673113	19.038	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.13	45	446465	20.419	ng/ul	99
14) Acetophenone	8.41	105	1103481	20.064	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.40	70	542221	20.583	ng/ul	98
16) 4-Methylphenol	8.36	108	740005	19.567	ng/ul	96
17) Hexachloroethane	8.66	117	292758	18.862	ng/ul	99
20) Nitrobenzene	8.77	77	815688	19.231	ng/ul	96
21) Isophorone	9.30	82	1492888	19.082	ng/ul	99
23) 2-Nitrophenol	9.48	139	439523	20.082	ng/ul	96
24) 2,4-Dimethylphenol	9.55	107	834877	19.343	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.78	93	932766	19.600	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	766897	19.620	ng/ul	99
28) Naphthalene	10.40	128	2380907	18.799	ng/ul	100
30) 4-Chloroaniline	10.52	127	1071030	23.710	ng/ul	100
31) Hexachlorobutadiene	10.70	225	514024	18.891	ng/ul	98
32) Caprolactam	11.29	113	227155m	18.314	ng/ul	99
33) 4-Chloro-3-methylphenol	11.65	107	810580	19.790	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	1784767	19.939	ng/ul	99

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35) 1-Methylnaphthalene	12.25	142	1673876	18.684	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	979589	19.233	ng/uL	95
38) Hexachlorocyclopentadiene	12.39	237	489226	19.741	ng/uL	97
39) 2,4,6-Trichlorophenol	12.65	196	625682	18.958	ng/uL	99
40) 2,4,5-Trichlorophenol	12.72	196	661414	18.634	ng/uL	99
41) 1,1'-Biphenyl	13.05	154	2271743	19.363	ng/uL	97
42) 2-Chloronaphthalene	13.09	162	1819388	19.184	ng/uL	99
43) 2-Nitroaniline	13.29	65	447773	20.353	ng/uL	96
45) Dimethylphthalate	13.69	163	2200145	18.696	ng/uL	98
46) 2,6-Dinitrotoluene	13.80	165	502998	20.099	ng/uL	99
48) Acenaphthylene	13.95	152	2867143	19.511	ng/uL	100
49) 3-Nitroaniline	14.13	138	489854	20.572	ng/uL	97
50) Acenaphthene	14.29	153	1919198	19.085	ng/uL	99
51) 2,4-Dinitrophenol	14.34	184	224066	18.901	ng/uL	96
53) 4-Nitrophenol	14.45	109	338863	18.967	ng/uL	99
54) Dibenzofuran	14.63	168	2826872	20.081	ng/uL	97
55) 2,4-Dinitrotoluene	14.59	165	681890	19.127	ng/uL	94
56) 2,3,4,6-Tetrachlorophenol	14.86	232	611404	19.712	ng/uL	96
57) Diethylphthalate	15.07	149	2208367	18.665	ng/uL	100
59) Fluorene	15.28	166	2189811	18.972	ng/uL	98
60) 4-Chlorophenyl-phenylether	15.28	204	1114173	18.875	ng/uL	98
61) 4-Nitroaniline	15.30	138	556497	20.634	ng/uL	97
64) 4,6-Dinitro-2-methylphenol	15.36	198	380788	20.152	ng/uL	95
65) N-Nitrosodiphenylamine	15.49	169	1951070	20.023	ng/uL	96
66) 4-Bromophenyl-phenylether	16.17	248	691814	18.839	ng/uL	95
67) Hexachlorobenzene	16.29	284	756780	18.117	ng/uL	97
68) Atrazine	16.46	200	661244	17.181	ng/uL	99
69) Pentachlorophenol	16.63	266	487982	18.299	ng/uL	99
70) Phenanthrene	17.02	178	3596749	19.256	ng/uL	99
72) Anthracene	17.10	178	3673002	19.399	ng/uL	100
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	958186	17.961	ng/uL	97
74) Pentachlorobenzene	14.55	250	926413	17.815	ng/uL	96
75) Carbazole	17.37	167	3331535	21.421	ng/uL	99
76) Di-n-butylphthalate	17.96	149	3969209	20.260	ng/uL	100
77) Fluoranthene	19.04	202	4301599	21.195	ng/uL	98
80) Pyrene	19.40	202	4526142	19.641	ng/uL	96
81) Butylbenzylphthalate	20.33	149	1868963	18.803	ng/uL	100
82) 3,3'-Dichlorobenzidine	21.10	252	1186634	17.262	ng/uL	95
83) Benzo(a)anthracene	21.16	228	4123403	18.637	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	2759435	19.221	ng/uL	99
85) Chrysene	21.21	228	3860324	18.557	ng/uL	99
87) Di-n-octyl phthalate	21.98	149	4627766	22.430	ng/uL	100
88) Benzo(b)fluoranthene	22.70	252	3578989	18.909	ng/uL	98
89) Benzo(k)fluoranthene	22.74	252	3671522	19.551	ng/uL	99
91) Benzo(a)pyrene	23.25	252	3356073	19.958	ng/uL	98
92) Indeno(1,2,3-cd)pyrene	25.49	276	3648218	19.274	ng/uL	97
93) Dibenzo(a,h)anthracene	25.50	278	3113054	19.582	ng/uL	99
94) Benzo(a,h,i)perylene	26.14	276	3053901	19.496	ng/uL	97

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

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