Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100820\
Data File : BN012116.D
Acq On : 08 Oct 2020 23:22
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 09 03:03:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 08 15:35:30 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02067

Manual Integrations APPROVED
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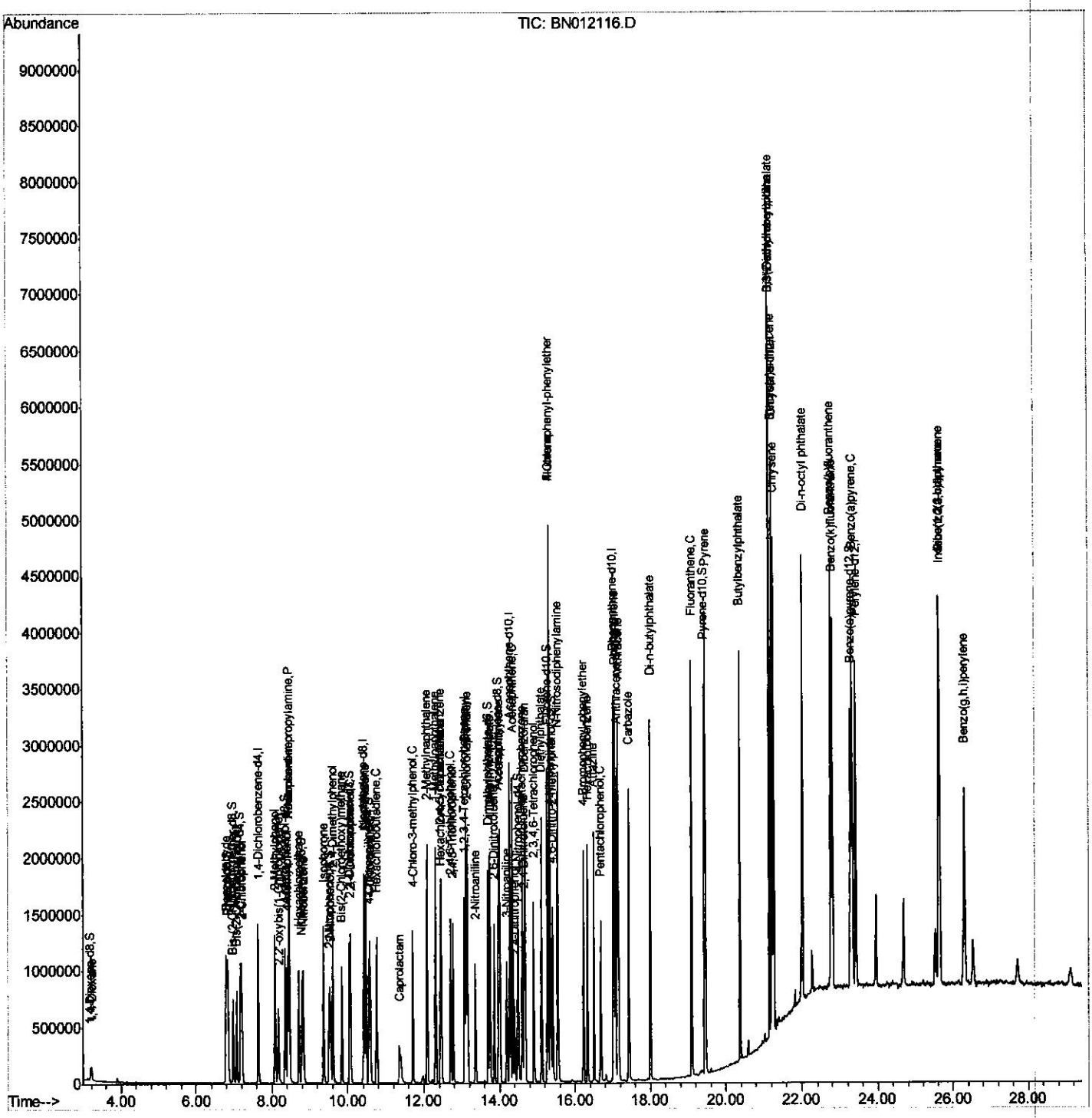

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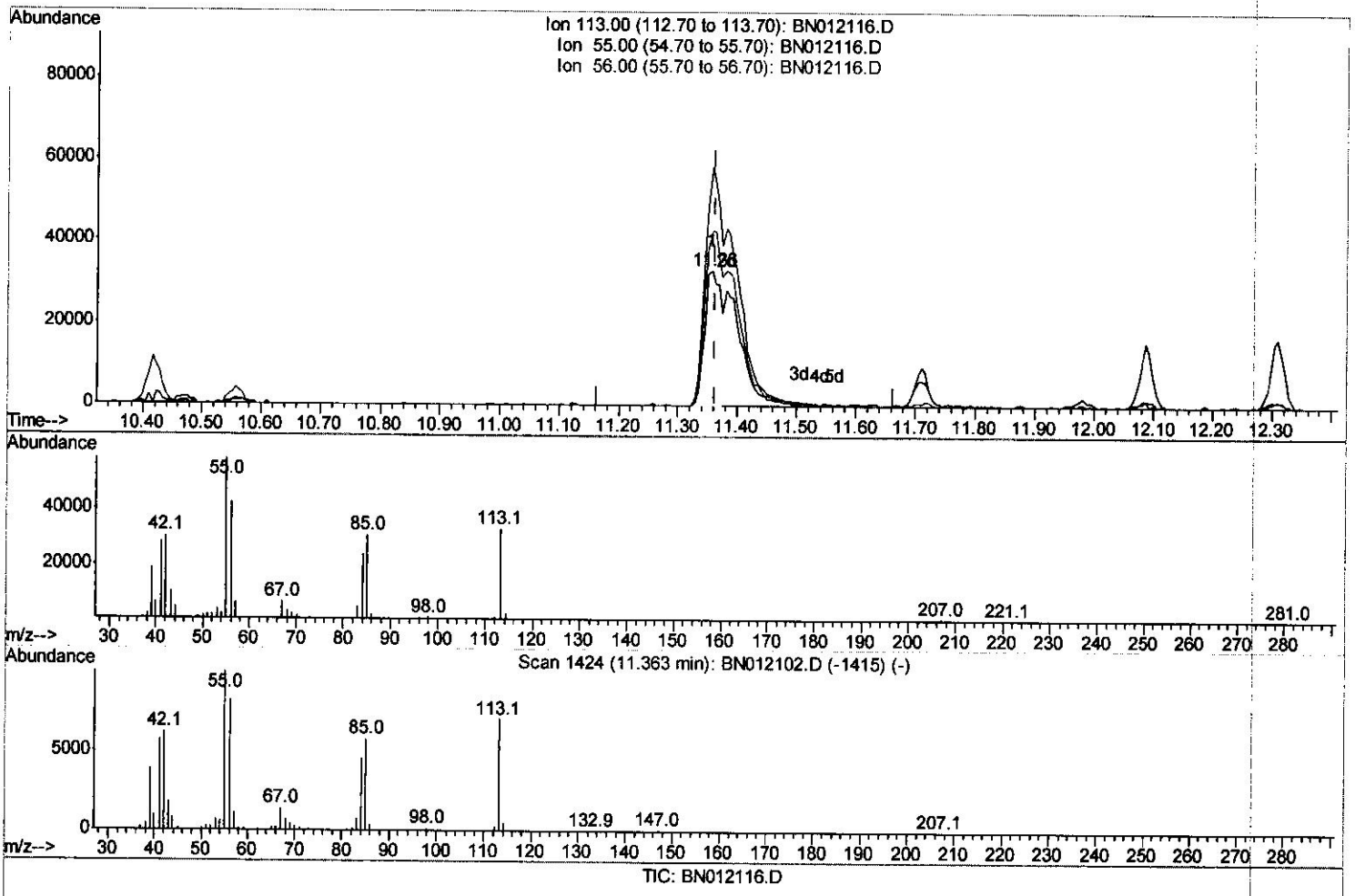

TIC: BN012116.D

(32) Caprolactam

11.357min (-0.006) 9.73ng/ul

response 64290

Ion	Exp%	Act%
113.00	100	100
55.00	157.00	176.67
56.00	122.90	129.09
0.00	0.00	0.00

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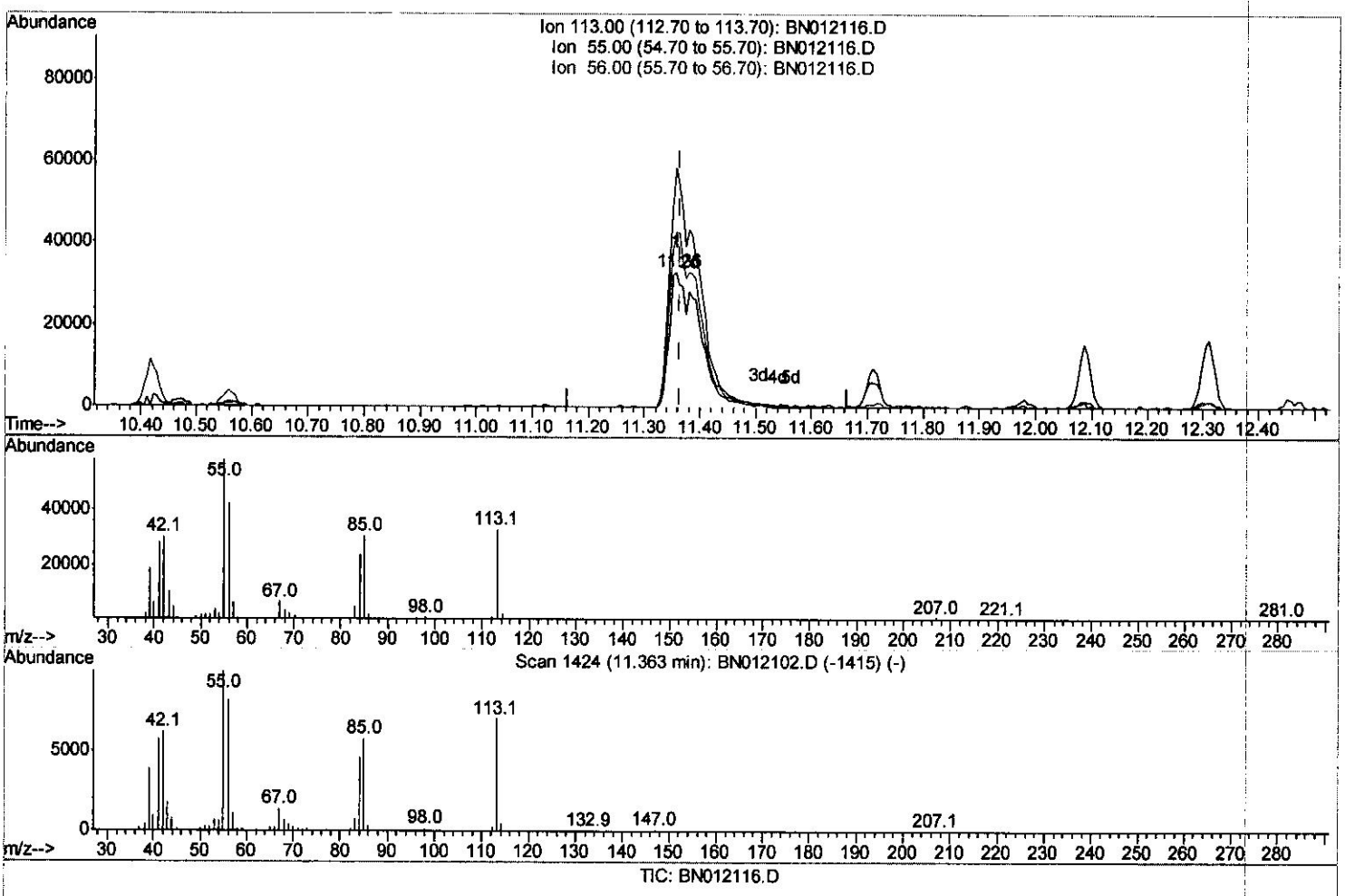

TIC: BN012116.D

(32) Caprolactam

11.357min (-0.006) 18.98ng/ul m } 10/13/20 JV

response 125376

Ion	Exp%	Act%
113.00	100	100
55.00	157.00	176.67
56.00	122.90	129.09
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	7.65	152	364299	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1436626	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	894737	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1824245	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1811893	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	1850313	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	51454	6.15	ng/uL	0.00
5) Phenol-d5	6.82	99	509354	16.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	307422	16.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	422246	17.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	412284	17.23	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	194841	17.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	225484	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	400237	16.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	522050	18.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1149541	16.38	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	1436827	17.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	213254	16.50	ng/ul	0.00
58) Fluorene-d10	15.28	176	993607	16.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	190840	16.39	ng/ul	0.00
71) Anthracene-d10	17.13	188	1491862	16.86	ng/ul	0.00
79) Pyrene-d10	19.43	212	1566736	16.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1683846	16.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	62720	5.967	ng/uL	97
4) Benzaldehyde	6.80	77	345142	19.720	ng/ul	93
6) Phenol	6.85	94	534072	16.887	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.08	93	427729	16.647	ng/ul	99
10) 2-Chlorophenol	7.22	128	431056	16.951	ng/ul	99
11) 2-Methylphenol	8.09	108	394346	16.787	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	551857	16.654	ng/ul	97
14) Acetophenone	8.46	105	642238	16.837	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.45	70	338502	17.684	ng/ul	95
16) 4-Methylphenol	8.41	108	425863	16.906	ng/ul	95
17) Hexachloroethane	8.71	117	189287	16.360	ng/ul	94
20) Nitrobenzene	8.83	77	524435	16.633	ng/ul	99
21) Isophorone	9.36	82	914911	17.311	ng/ul	98
23) 2-Nitrophenol	9.54	139	238777	17.498	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	486645	16.435	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.84	93	566992	17.096	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	410785	17.145	ng/ul	99
28) Naphthalene	10.47	128	1367961	16.637	ng/ul	97
30) 4-Chloroaniline	10.58	127	507832	18.078	ng/ul	95
31) Hexachlorobutadiene	10.76	225	253215	15.610	ng/ul	98
32) Caprolactam	11.36	113	125376m	18.977	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	445487	17.110	ng/ul	94
34) 2-Methylnaphthalene	12.09	142	939557	16.627	ng/ul	98

10/13/21 JV

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.31	142	924905	16.563 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	453985	15.663 ng/ul	98
38) Hexachlorocyclopentadiene	12.44	237	301087	14.691 ng/ul	98
39) 2,4,6-Trichlorophenol	12.70	196	306598	16.871 ng/ul	92
40) 2,4,5-Trichlorophenol	12.78	196	337959	17.240 ng/ul	96
41) 1,1'-Biphenyl	13.11	154	1205765	16.269 ng/ul	94
42) 2-Chloronaphthalene	13.15	162	960057	16.265 ng/ul	96
43) 2-Nitroaniline	13.36	65	290511	17.175 ng/ul	91
45) Dimethylphthalate	13.75	163	1202145	16.622 ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	251780	17.836 ng/ul	88
48) Acenaphthylene	14.00	152	1474568	16.752 ng/ul	97
49) 3-Nitroaniline	14.19	138	240100	18.641 ng/ul	87
50) Acenaphthene	14.35	153	1008929	15.948 ng/ul	92
51) 2,4-Dinitrophenol	14.40	184	139324	16.189 ng/ul	89
53) 4-Nitrophenol	14.50	109	187108	15.538 ng/ul	91
54) Dibenzofuran	14.69	168	1396902	16.184 ng/ul	97
55) 2,4-Dinitrotoluene	14.66	165	358920	17.515 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.92	232	278756	17.036 ng/ul	93
57) Diethylphthalate	15.12	149	1210901	16.269 ng/ul	98
59) Fluorene	15.34	166	1167878	16.140 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.33	204	561220	15.891 ng/ul	95
61) 4-Nitroaniline	15.36	138	250820	18.021 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.42	198	213156	16.832 ng/ul	98
65) N-Nitrosodiphenylamine	15.55	169	988179	16.985 ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	336180	16.113 ng/ul	94
67) Hexachlorobenzene	16.34	284	384967	15.813 ng/ul	97
68) Atrazine	16.50	200	354529	16.654 ng/ul	99
69) Pentachlorophenol	16.69	266	222882	15.442 ng/ul	98
70) Phenanthrene	17.07	178	1839669	16.553 ng/ul	100
72) Anthracene	17.16	178	1874772	16.706 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	433137	16.333 ng/uL	96
74) Pentachlorobenzene	14.60	250	469322	17.254 ng/uL	95
75) Carbazole	17.44	167	1607771	16.500 ng/ul	100
76) Di-n-butylphthalate	18.01	149	2094703	16.929 ng/ul	100
77) Fluoranthene	19.10	202	2107785	16.886 ng/ul	98
80) Pyrene	19.46	202	2193310	16.782 ng/ul	99
81) Butylbenzylphthalate	20.37	149	950964	17.699 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.15	252	723109	17.154 ng/ul#	97
83) Benzo(a)anthracene	21.22	228	1991312	16.314 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	1443816	17.509 ng/ul	100
85) Chrysene	21.27	228	1924969	16.041 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	2458724	17.891 ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	2195503	16.938 ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	2021307	15.831 ng/ul	99
91) Benzo(a)pyrene	23.33	252	1956895	16.643 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.63	276	2351186	15.660 ng/ul	96
93) Dibenzo(a,h)anthracene	25.64	278	2018637	16.320 ng/ul	99
94) Benzo(g,h,i)perylene	26.31	276	1967426	15.387 ng/ul	98

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

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

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