Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN101720\
Data File : BN012289.D
Acq On : 17 Oct 2020 12:44
Operator : CG/JU
Sample : SSTD01055
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 17 14:49:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 17 13:54:18 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD01055

Manual Integrations APPROVED
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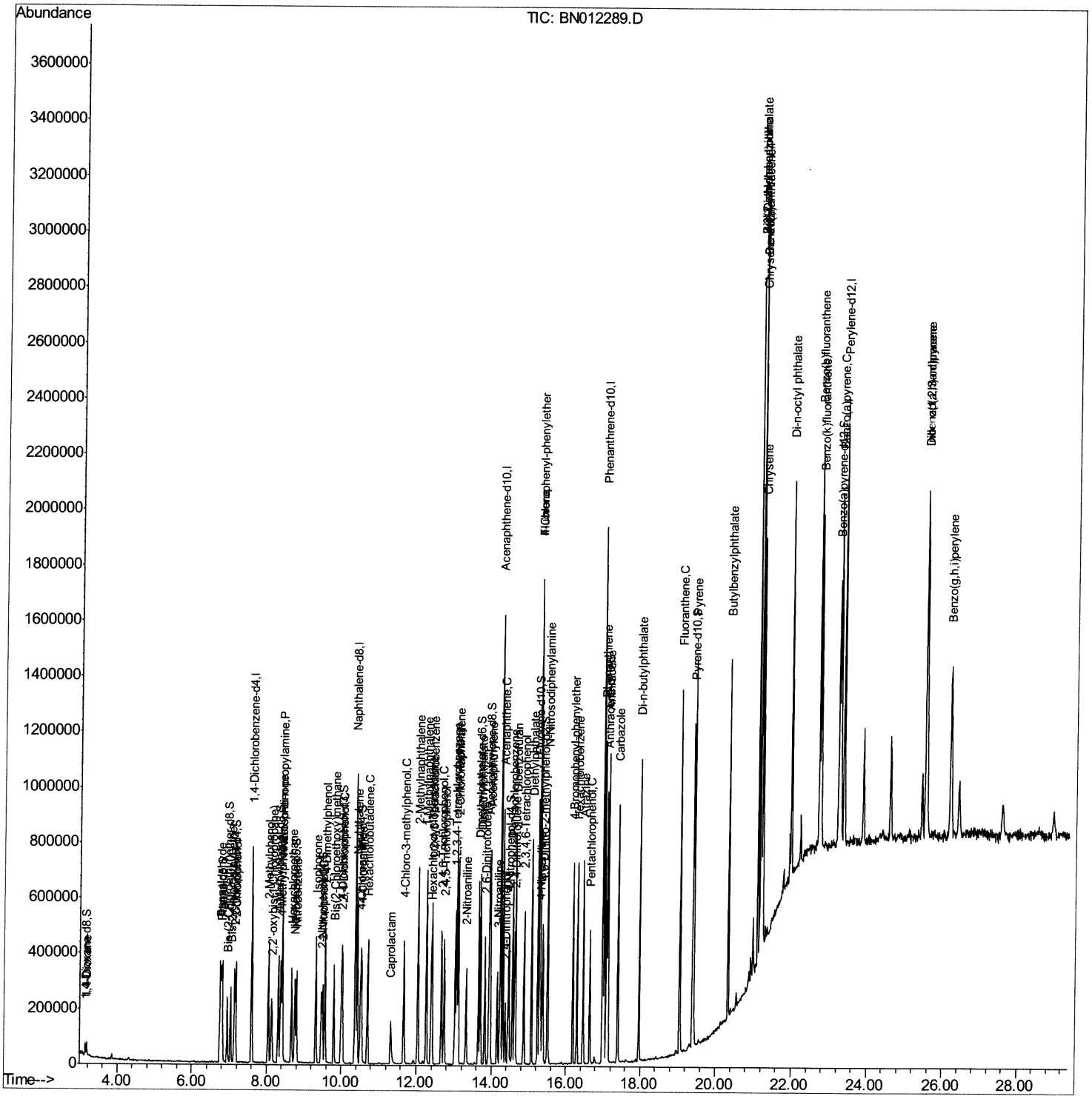

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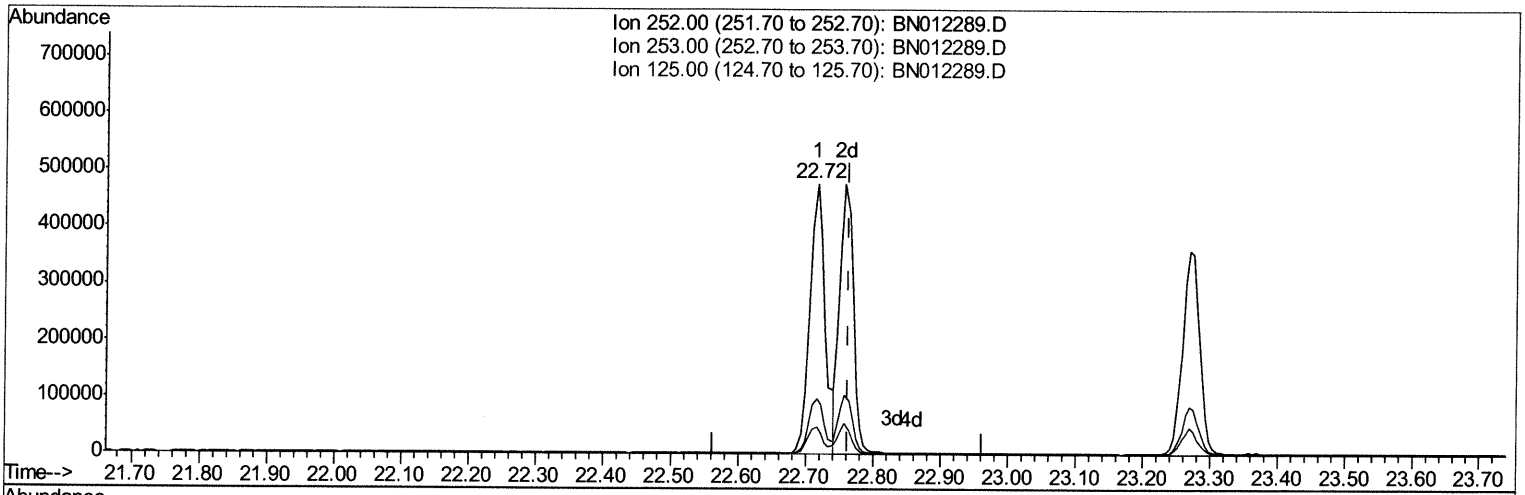

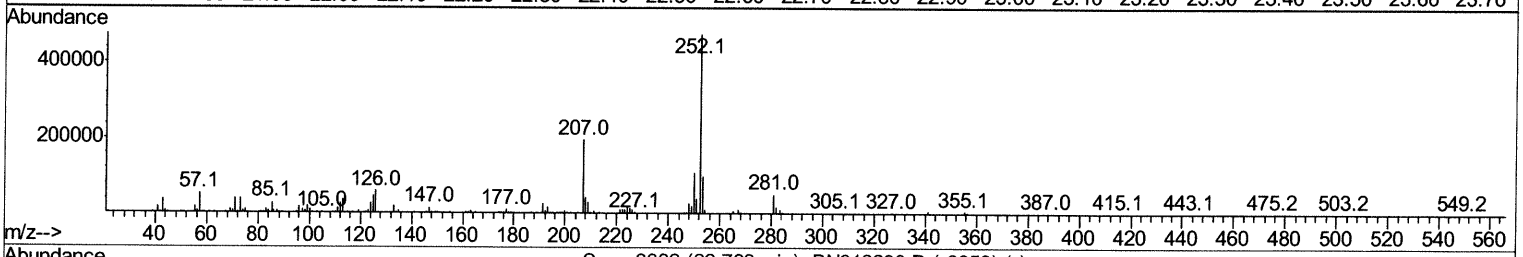

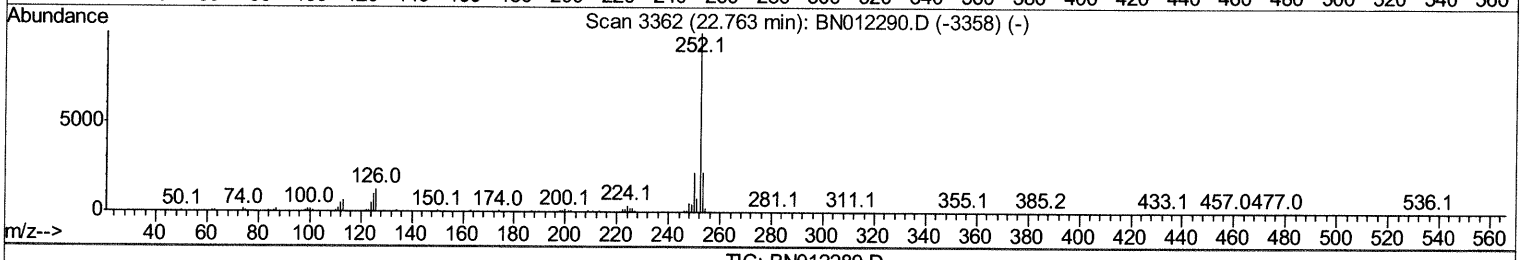

TIC: BN012289.D

(89) Benzo(k)fluoranthene

22.716min (-0.047) 10.58ng/ul

response 739087

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	20.56
125.00	9.50	9.97
0.00	0.00	0.00

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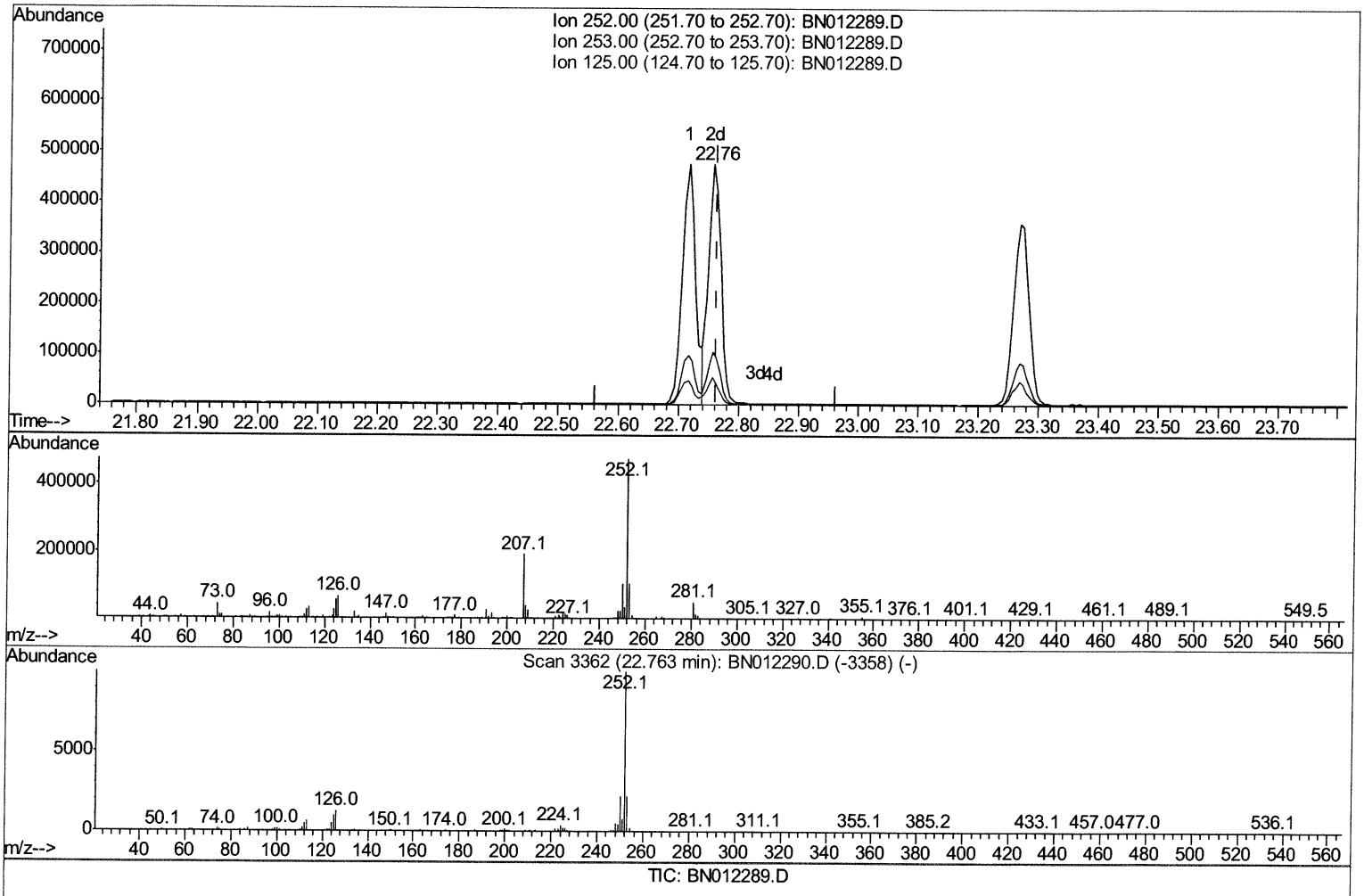

TIC: BN012289.D

(89) Benzo(k)fluoranthene

22.757min (-0.006) 9.85ng/ul m 10/20/20 JU

response 688490

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	21.75
125.00	9.50	11.50#
0.00	0.00	0.00

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10/19/2020 1:24:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	195001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	795353	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	505160	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1051136	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	992876	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	1038168	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	16693	3.78	ng/uL	0.00
5) Phenol-d5	6.78	99	166031	9.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	103201	10.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	133473	9.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	135957	9.98	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	64453	9.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	72700	10.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	133211	9.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	173331	10.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	402154	9.72	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	471342	9.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	69430	9.00	ng/ul	0.00
58) Fluorene-d10	15.24	176	344968	9.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	62768	9.01	ng/ul	0.00
71) Anthracene-d10	17.09	188	513429	9.98	ng/ul	0.00
79) Pyrene-d10	19.39	212	535049	10.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	596635	10.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	22417	4.490	ng/uL	87
4) Benzaldehyde	6.76	77	117146	12.261	ng/ul	92
6) Phenol	6.81	94	177614	10.013	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.04	93	143101	10.156	ng/ul	97
10) 2-Chlorophenol	7.18	128	138341	9.937	ng/ul	97
11) 2-Methylphenol	8.05	108	128067	9.639	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.13	45	191265	10.358	ng/ul	98
14) Acetophenone	8.42	105	214463	10.062	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	115012	10.607	ng/ul	97
16) 4-Methylphenol	8.37	108	141098	9.884	ng/ul	97
17) Hexachloroethane	8.66	117	62763	10.321	ng/ul	96
20) Nitrobenzene	8.79	77	174214	10.025	ng/ul	98
21) Isophorone	9.32	82	306294	10.060	ng/ul	96
23) 2-Nitrophenol	9.50	139	78957	9.918	ng/ul	98
24) 2,4-Dimethylphenol	9.56	107	163519	10.058	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	192230	10.062	ng/ul	98
27) 2,4-Dichlorophenol	10.03	162	128967	9.622	ng/ul	97
28) Naphthalene	10.43	128	462707	9.931	ng/ul	99
30) 4-Chloroaniline	10.54	127	170257	10.327	ng/ul	99
31) Hexachlorobutadiene	10.71	225	86918	9.827	ng/ul	91
32) Caprolactam	11.32	113	39820	9.220	ng/ul	86
33) 4-Chloro-3-methylphenol	11.67	107	149352	9.894	ng/ul	98
34) 2-Methylnaphthalene	12.05	142	316548	9.886	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	314301	9.989 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	153513	9.677 ng/ul	97
38) Hexachlorocyclopentadiene	12.40	237	93994	8.702 ng/ul	87
39) 2,4,6-Trichlorophenol	12.66	196	103302	9.845 ng/ul	92
40) 2,4,5-Trichlorophenol	12.73	196	105749	9.354 ng/ul	96
41) 1,1'-Biphenyl	13.08	154	416023	9.945 ng/ul	99
42) 2-Chloronaphthalene	13.11	162	325382	9.795 ng/ul	98
43) 2-Nitroaniline	13.32	65	96138	9.923 ng/ul	96
45) Dimethylphthalate	13.71	163	414884	9.612 ng/ul	100
46) 2,6-Dinitrotoluene	13.83	165	83507	9.729 ng/ul	96
48) Acenaphthylene	13.96	152	504833	9.968 ng/ul	98
49) 3-Nitroaniline	14.16	138	76913	9.722 ng/ul	99
50) Acenaphthene	14.31	153	349684	9.723 ng/ul	96
51) 2,4-Dinitrophenol	14.37	184	42259	7.795 ng/ul	93
53) 4-Nitrophenol	14.47	109	59126	8.462 ng/ul	95
54) Dibenzofuran	14.65	168	479692	9.579 ng/ul	98
55) 2,4-Dinitrotoluene	14.62	165	118533	9.521 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.87	232	92734	9.397 ng/ul	97
57) Diethylphthalate	15.08	149	415684	9.240 ng/ul	99
59) Fluorene	15.30	166	406455	9.650 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.29	204	200771	9.769 ng/ul	95
61) 4-Nitroaniline	15.32	138	80680	9.346 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.38	198	71832	9.444 ng/ul#	90
65) N-Nitrosodiphenylamine	15.51	169	337685	10.186 ng/ul	96
66) 4-Bromophenyl-phenylether	16.19	248	119039	10.176 ng/ul	99
67) Hexachlorobenzene	16.30	284	143046	10.201 ng/ul	98
68) Atrazine	16.47	200	118659	9.467 ng/ul	98
69) Pentachlorophenol	16.65	266	73745	8.726 ng/ul	90
70) Phenanthrene	17.03	178	642722	10.019 ng/ul	99
72) Anthracene	17.12	178	646101	9.888 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	148144	10.335 ng/uL	91
74) Pentachlorobenzene	14.57	250	151693	9.986 ng/uL	94
75) Carbazole	17.40	167	557443	10.027 ng/ul	98
76) Di-n-butylphthalate	17.97	149	709509	9.478 ng/ul	98
77) Fluoranthene	19.06	202	726432	10.000 ng/ul	99
80) Pyrene	19.42	202	767902	10.845 ng/ul	98
81) Butylbenzylphthalate	20.33	149	338067	10.768 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.11	252	253661	10.920 ng/ul#	97
83) Benzo(a)anthracene	21.17	228	684140	10.219 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	506457	10.373 ng/ul	96
85) Chrysene	21.23	228	682714	10.246 ng/ul	98
87) Di-n-octyl phthalate	21.97	149	856767	10.821 ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	739087	10.358 ng/ul	98
89) Benzo(k)fluoranthene	22.76	252	688490m>	9.855 ng/ul>	10/20/20 JU
91) Benzo(a)pyrene	23.27	252	645788	9.912 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.54	276	829800	10.001 ng/ul	97
93) Dibenzo(a,h)anthracene	25.55	278	693984	9.950 ng/ul	94
94) Benzo(g,h,i)perylene	26.20	276	701030	10.136 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