Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
Data File : BP004788.D
Acq On : 17 Feb 2021 23:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 18 02:56:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 17 23:17:49 2021
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTD02007

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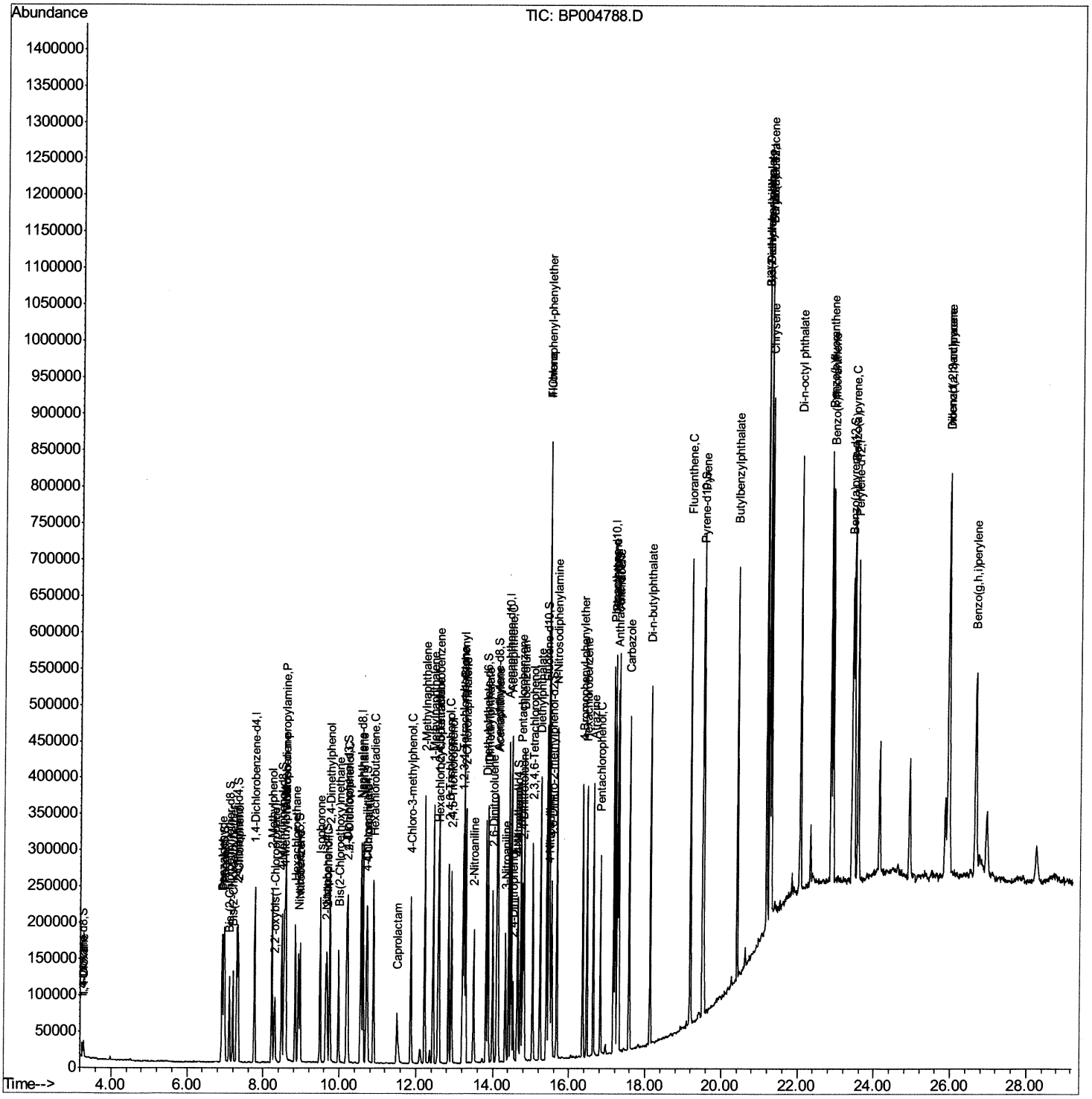

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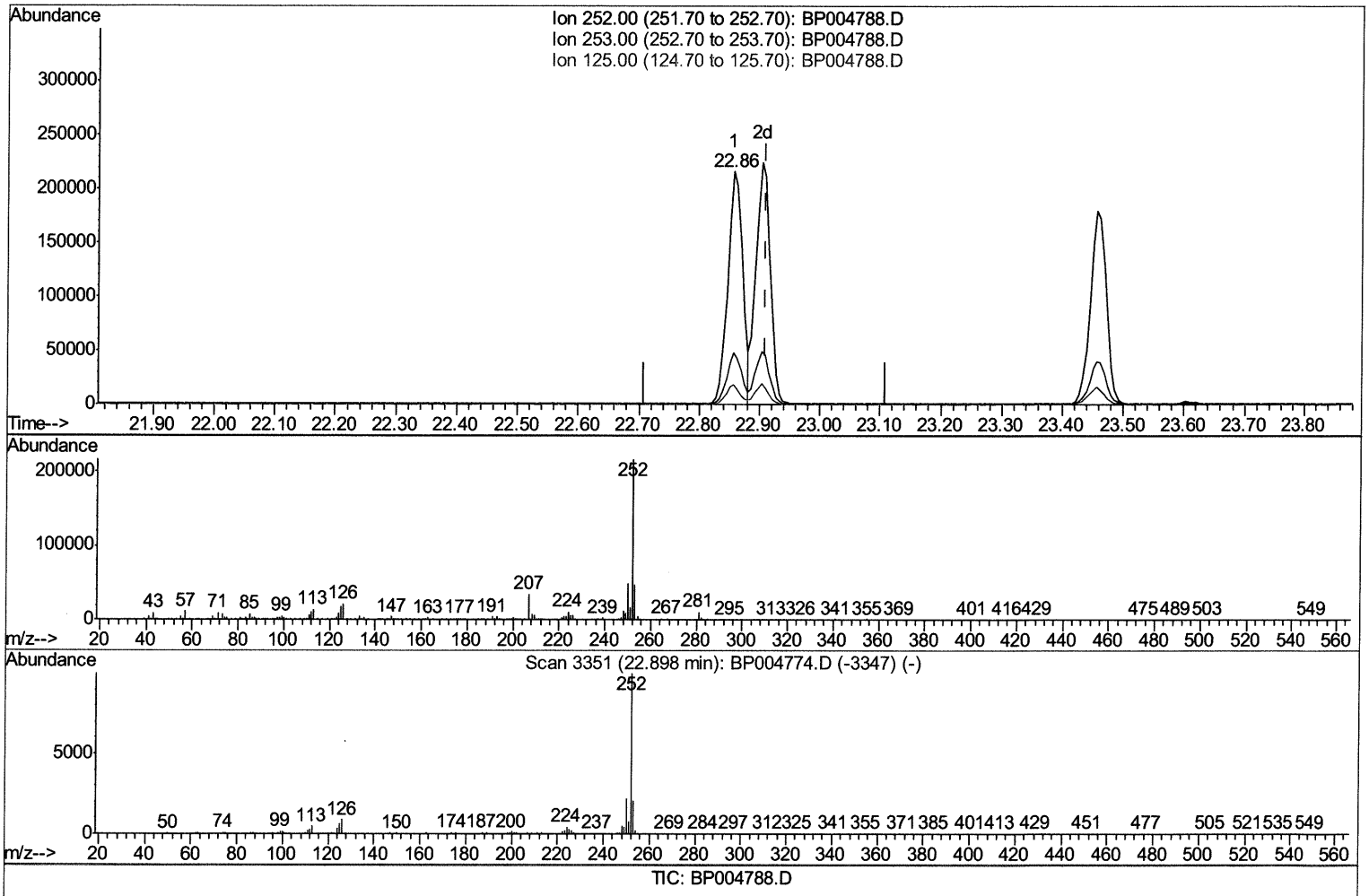

TIC: BP004788.D

(89) Benzo(k)fluoranthene

22.857min (-0.053) 19.41ng/ul

response 369814

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.18
125.00	7.10	8.28
0.00	0.00	0.00

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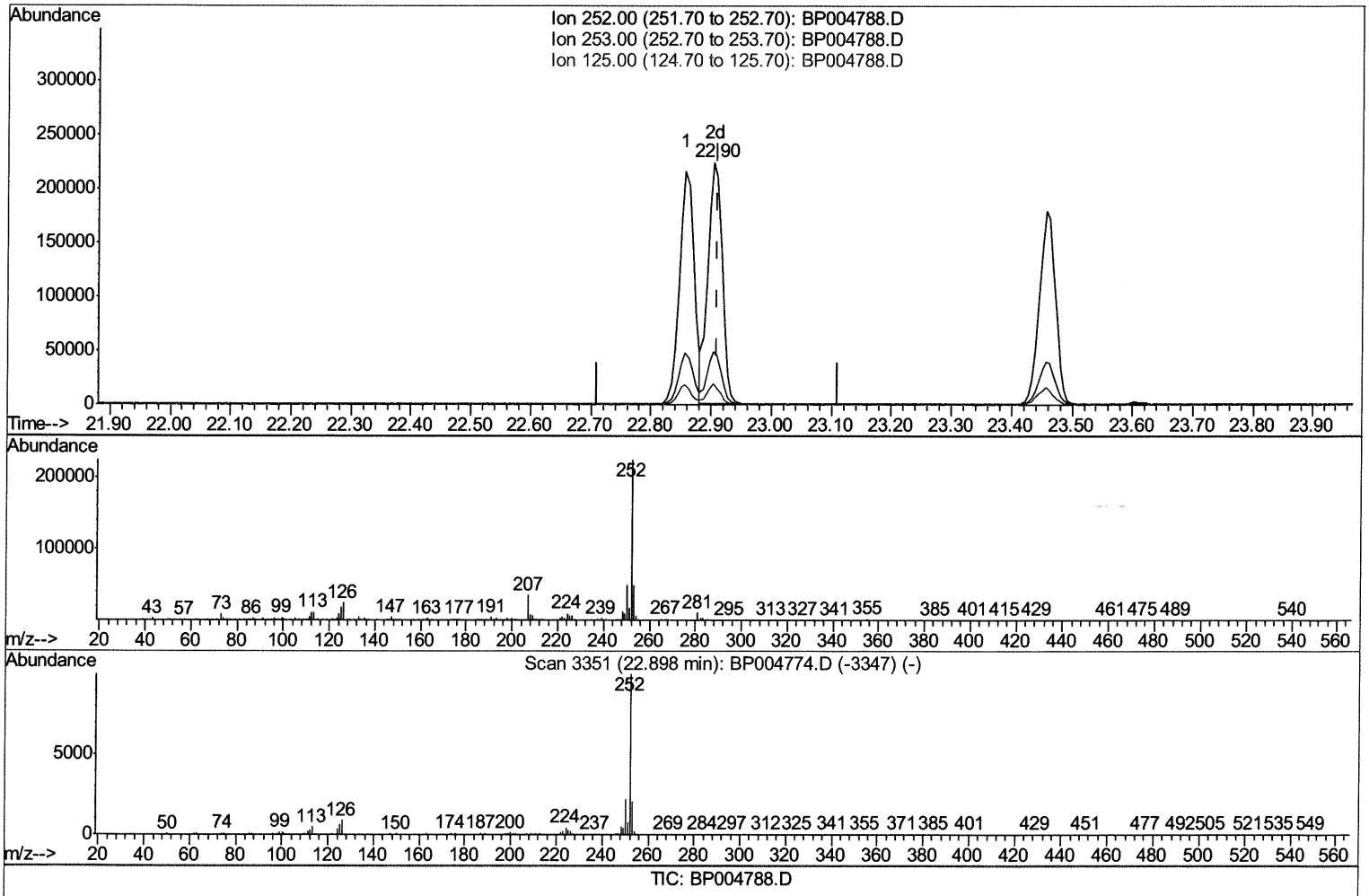

TIC: BP004788.D

(89) Benzo(k)fluoranthene

22.904min (-0.006) 19.49ng/ul m 02/22/21 JU

response 371173

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	21.91
125.00	7.10	8.54#
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	7.77	152	61782	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	238692	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	143178	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	301384	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	309351	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	310880	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	10428	6.52	ng/uL	0.00
5) Phenol-d5	6.95	99	90845	18.32	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.10	67	46449	18.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	75421	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	71875	18.42	ng/ul	0.02
19) Nitrobenzene-d5	8.93	128	34991	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	39005	21.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	72548	19.93	ng/ul	0.01
29) 4-Chloroaniline-d4	10.70	131	87878	21.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.83	166	201940	19.43	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	254802	20.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.64	143	34378	18.93	ng/ul	0.03
58) Fluorene-d10	15.41	176	171441	19.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	35474	19.47	ng/ul	0.00
71) Anthracene-d10	17.27	188	263376	19.82	ng/ul	0.00
79) Pyrene-d10	19.51	212	290934	20.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	314522	20.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	11006	6.883	ng/uL#	88
4) Benzaldehyde	6.91	77	58674	22.584	ng/ul	98
6) Phenol	6.98	94	96007	18.570	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.20	93	71067	18.630	ng/ul	95
10) 2-Chlorophenol	7.33	128	77869	19.691	ng/ul	99
11) 2-Methylphenol	8.22	108	70511	18.334	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.30	45	59311	19.972	ng/ul#	91
14) Acetophenone	8.59	105	117382	18.291	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.58	70	55675	18.318	ng/ul	96
16) 4-Methylphenol	8.55	108	76655	18.489	ng/ul	92
17) Hexachloroethane	8.84	117	33568	19.373	ng/ul	95
20) Nitrobenzene	8.97	77	87899	19.165	ng/ul	97
21) Isophorone	9.49	82	149859	19.212	ng/ul	98
23) 2-Nitrophenol	9.68	139	43028	21.625	ng/ul#	83
24) 2,4-Dimethylphenol	9.75	107	90334	18.780	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.98	93	88767	18.654	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	73136	20.021	ng/ul	97
28) Naphthalene	10.61	128	237965	19.367	ng/ul	98
30) 4-Chloroaniline	10.73	127	89256	21.378	ng/ul	100
31) Hexachlorobutadiene	10.89	225	51720	18.807	ng/ul	92
32) Caprolactam	11.50	113	22194	18.817	ng/ul	97
33) 4-Chloro-3-methylphenol	11.87	107	79197	18.642	ng/ul	94
34) 2-Methylnaphthalene	12.23	142	163034	18.407	ng/ul	97

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.45	142	158816	18.489	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.60	216	94895	20.242	ng/ul	97
38) Hexachlorocyclopentadiene	12.57	237	53440	17.541	ng/ul	99
39) 2,4,6-Trichlorophenol	12.85	196	61024	22.621	ng/ul	97
40) 2,4,5-Trichlorophenol	12.92	196	66153	22.310	ng/ul	94
41) 1,1'-Biphenyl	13.25	154	210819	19.973	ng/ul	99
42) 2-Chloronaphthalene	13.29	162	162999	19.629	ng/ul	98
43) 2-Nitroaniline	13.50	65	47556	21.072	ng/ul	99
45) Dimethylphthalate	13.87	163	206686	19.285	ng/ul	100
46) 2,6-Dinitrotoluene	13.99	165	43469	21.384	ng/ul	97
48) Acenaphthylene	14.13	152	241665	20.226	ng/ul	98
49) 3-Nitroaniline	14.33	138	41434	22.891	ng/ul#	96
50) Acenaphthene	14.48	153	174021	19.630	ng/ul	99
51) 2,4-Dinitrophenol	14.53	184	21871	17.114	ng/ul	95
53) 4-Nitrophenol	14.66	109	35308	17.247	ng/ul	88
54) Dibenzofuran	14.82	168	242777	19.154	ng/ul	98
55) 2,4-Dinitrotoluene	14.78	165	61243	20.659	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.05	232	57585	21.594	ng/ul#	98
57) Diethylphthalate	15.24	149	206427	19.193	ng/ul	98
59) Fluorene	15.47	166	201500	19.044	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.46	204	106301	18.575	ng/ul	97
61) 4-Nitroaniline	15.49	138	45148	21.224	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.55	198	35158	19.087	ng/ul	94
65) N-Nitrosodiphenylamine	15.68	169	170757	19.851	ng/ul	97
66) 4-Bromophenyl-phenylether	16.36	248	66354	20.344	ng/ul	94
67) Hexachlorobenzene	16.47	284	73255	20.285	ng/ul	96
68) Atrazine	16.64	200	69931	20.213	ng/ul	98
69) Pentachlorophenol	16.82	266	45480	20.987	ng/ul	99
70) Phenanthrene	17.21	178	308387	19.208	ng/ul	99
72) Anthracene	17.30	178	317427	19.440	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.20	216	93576	21.032	ng/uL	98
74) Pentachlorobenzene	14.73	250	90923	20.882	ng/uL	92
75) Carbazole	17.58	167	279250	19.535	ng/ul	98
76) Di-n-butylphthalate	18.13	149	343276	21.301	ng/ul	99
77) Fluoranthene	19.18	202	366935	19.026	ng/ul	100
80) Pyrene	19.53	202	373590	19.884	ng/ul	100
81) Butylbenzylphthalate	20.41	149	157637	23.985	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.17	252	128832	20.960	ng/ul#	99
83) Benzo(a)anthracene	21.24	228	369245	19.929	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	229235	22.854	ng/ul#	99
85) Chrysene	21.29	228	354713	19.309	ng/ul	99
87) Di-n-octyl phthalate	22.06	149	389661	20.523	ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	369814	18.898	ng/ul	98
89) Benzo(k)fluoranthene	22.90	252	371173m>	19.485	ng/ul>	02/22/21 JU
91) Benzo(a)pyrene	23.46	252	332431	19.309	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.93	276	428983	19.601	ng/ul	97
93) Dibenzo(a,h)anthracene	25.94	278	364082	19.570	ng/ul	99
94) Benzo(g,h,i)perylene	26.66	276	358752	19.814	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