Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG021921\
Data File : BG048232.D
Acq On : 20 Feb 2021 10:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 21 00:13:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 20 22:40:07 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02041

Manual Integrations APPROVED
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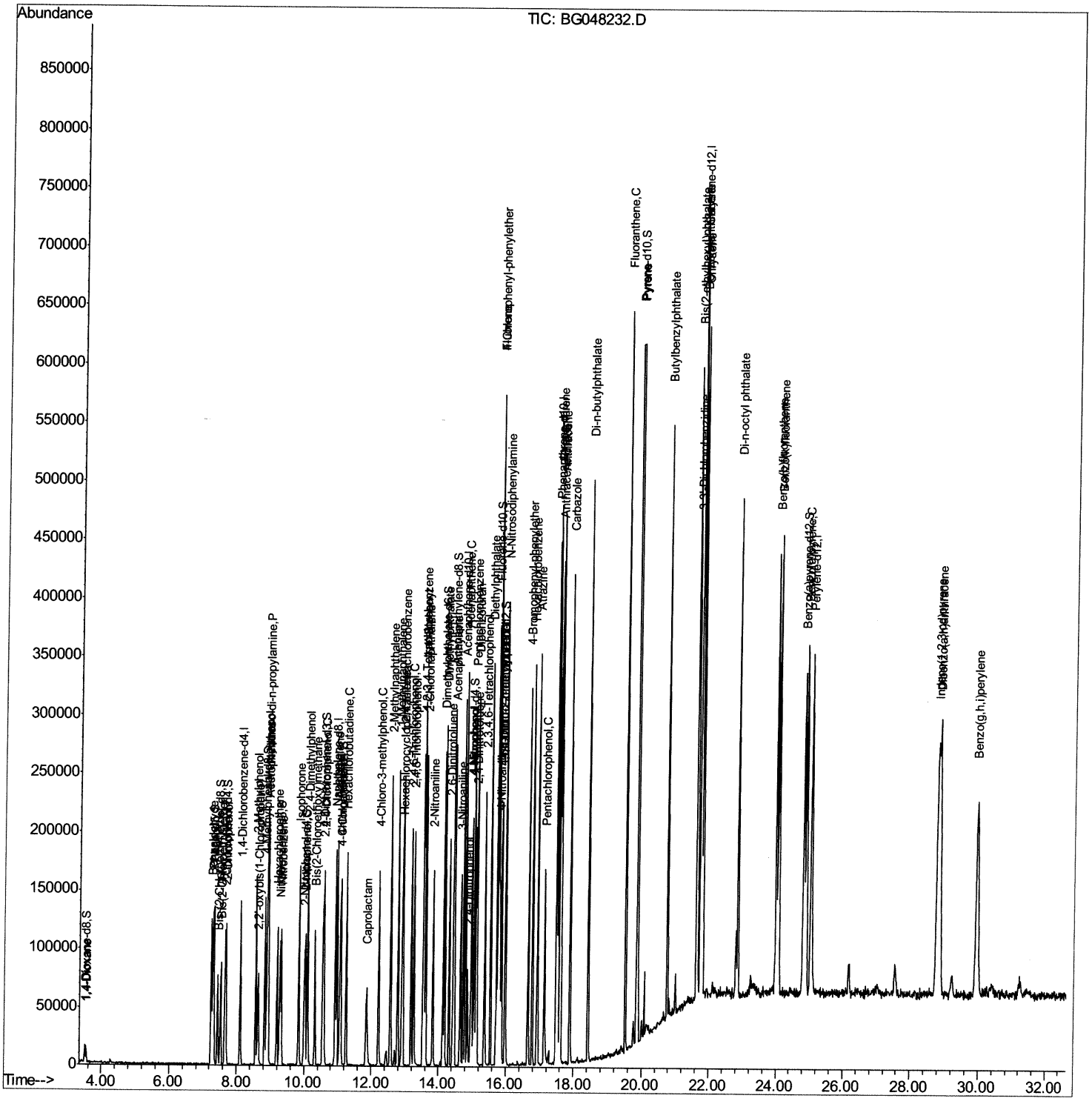

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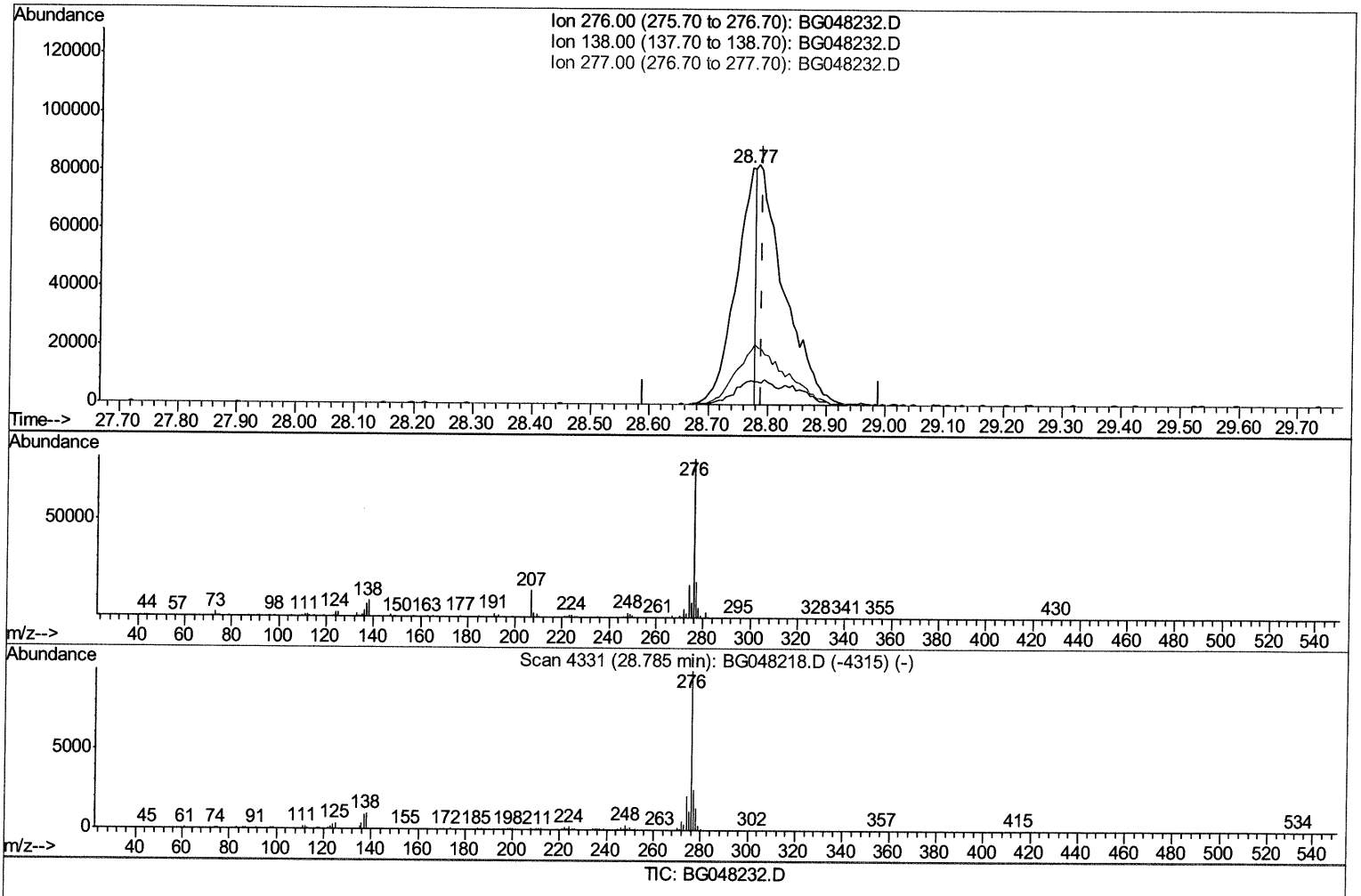

TIC: BG048232.D

(92) Indeno(1,2,3-cd)pyrene

28.772min (-0.018) 9.33ng/ul

response 193887

Ion	Exp%	Act%
276.00	100	100
138.00	9.30	10.16
277.00	25.20	23.05
0.00	0.00	0.00

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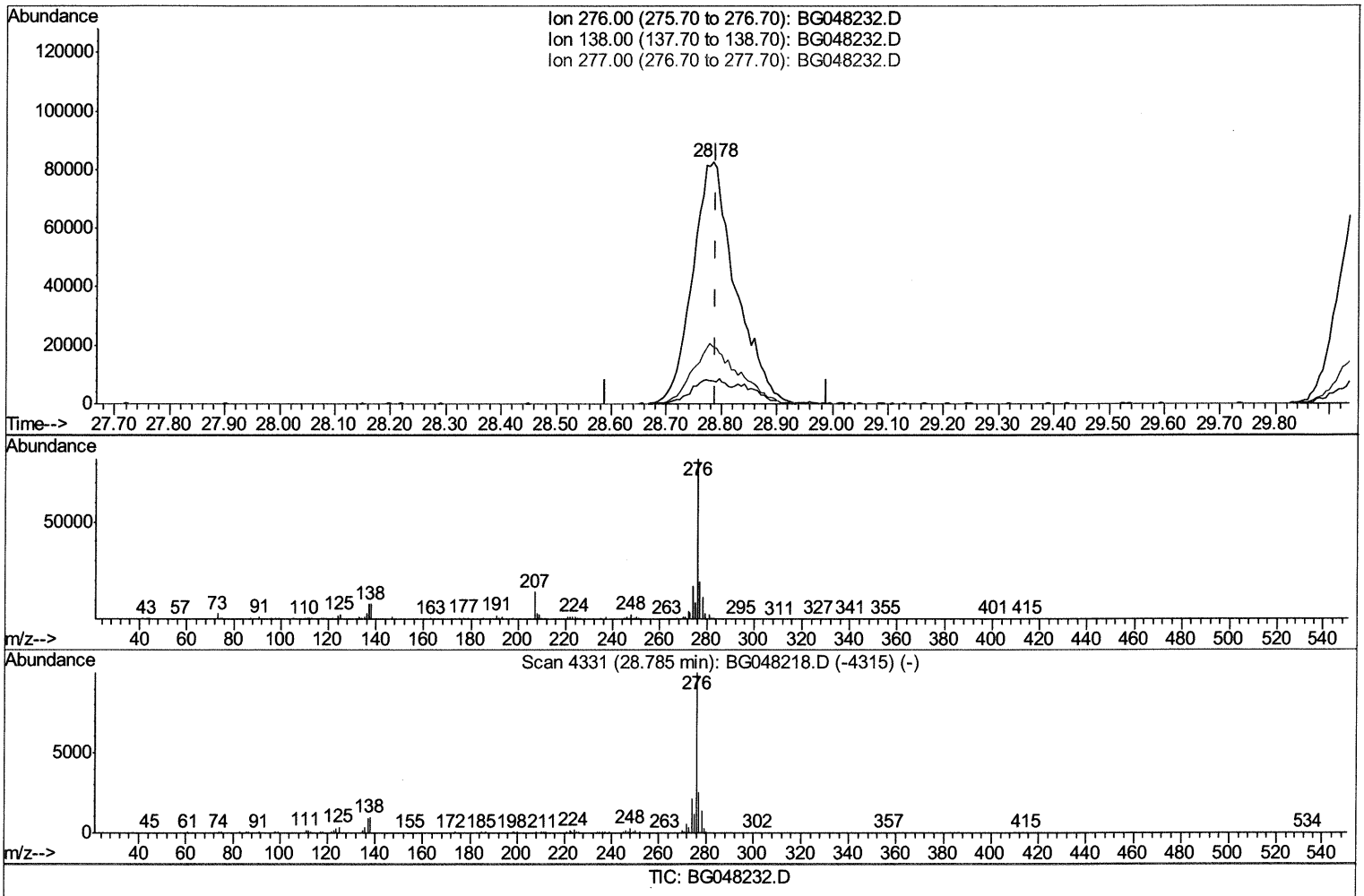

TIC: BG048232.D

(92) Indeno(1,2,3-cd)pyrene

28.784min (-0.006) 21.65ng/ul m 02/22/21 JU

response 450012

Ion	Exp%	Act%
276.00	100	100
138.00	9.30	9.69
277.00	25.20	23.78
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	8.11	152	35686	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	137899	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	106580	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	284219	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	296551	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	294025	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	6725	7.85	ng/uL	0.00
5) Phenol-d5	7.29	99	63223	21.03	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.43	67	38301	21.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	45737	21.67	ng/ul	-0.01
13) 4-Methylphenol-d8	8.83	113	51208	21.71	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	22305	21.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	28181	22.62	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.55	165	53873	22.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	61504	25.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	163739	20.74	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	203587	21.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.96	143	29313	21.85	ng/ul	-0.01
58) Fluorene-d10	15.72	176	154474	21.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	36460	20.92	ng/ul	0.00
71) Anthracene-d10	17.58	188	260276	21.36	ng/ul	0.00
79) Pyrene-d10	19.86	212	318615	21.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.81	264	322912	21.53	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	7023	7.144	ng/uL	95
4) Benzaldehyde	7.24	77	46229	26.152	ng/ul	97
6) Phenol	7.31	94	66265	21.346	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.53	93	48694	20.770	ng/ul	89
10) 2-Chlorophenol	7.68	128	46915	21.012	ng/ul	94
11) 2-Methylphenol	8.57	108	46847	20.858	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.63	45	66391	21.666	ng/ul#	95
14) Acetophenone	8.93	105	80824	21.041	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.91	70	45235	21.206	ng/ul	96
16) 4-Methylphenol	8.90	108	51493	21.246	ng/ul	99
17) Hexachloroethane	9.19	117	20983	21.039	ng/ul	96
20) Nitrobenzene	9.32	77	70388	22.435	ng/ul	98
21) Isophorone	9.84	82	120136	21.673	ng/ul	98
23) 2-Nitrophenol	10.03	139	28529	22.455	ng/ul	97
24) 2,4-Dimethylphenol	10.09	107	61958	22.036	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.32	93	67879	21.723	ng/ul	95
27) 2,4-Dichlorophenol	10.58	162	52942	22.679	ng/ul#	88
28) Naphthalene	10.98	128	152769	21.964	ng/ul	99
30) 4-Chloroaniline	11.09	127	61978	25.056	ng/ul	98
31) Hexachlorobutadiene	11.25	225	43461	21.346	ng/ul	91
32) Caprolactam	11.86	113	18152	22.283	ng/ul	94
33) 4-Chloro-3-methylphenol	12.22	107	57619	22.294	ng/ul	98
34) 2-Methylnaphthalene	12.57	142	113441	21.457	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	110893	21.684	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	78903	20.580	ng/ul	96
38) Hexachlorocyclopentadiene	12.91	237	43681	17.672	ng/ul	91
39) 2,4,6-Trichlorophenol	13.18	196	51729	21.911	ng/ul	99
40) 2,4,5-Trichlorophenol	13.26	196	56556	23.573	ng/ul	97
41) 1,1'-Biphenyl	13.57	154	151427	20.712	ng/ul	98
42) 2-Chloronaphthalene	13.61	162	128730	21.369	ng/ul	97
43) 2-Nitroaniline	13.82	65	48919	23.481	ng/ul#	92
45) Dimethylphthalate	14.18	163	172801	21.174	ng/ul	99
46) 2,6-Dinitrotoluene	14.31	165	37703	21.966	ng/ul	89
48) Acenaphthylene	14.46	152	185519	21.494	ng/ul	99
49) 3-Nitroaniline	14.65	138	35689	24.669	ng/ul#	85
50) Acenaphthene	14.80	153	139331	21.509	ng/ul	98
51) 2,4-Dinitrophenol	14.86	184	20094	18.746	ng/ul	94
53) 4-Nitrophenol	14.98	109	33094	21.852	ng/ul	91
54) Dibenzofuran	15.13	168	204742	21.656	ng/ul	98
55) 2,4-Dinitrotoluene	15.10	165	55524	22.522	ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.36	232	51863	21.145	ng/ul	94
57) Diethylphthalate	15.54	149	182609	21.676	ng/ul	98
59) Fluorene	15.78	166	163294	21.365	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.77	204	99738	21.752	ng/ul	98
61) 4-Nitroaniline	15.81	138	39198	24.069	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.86	198	36730	21.152	ng/ul#	96
65) N-Nitrosodiphenylamine	15.99	169	150775	20.669	ng/ul	96
66) 4-Bromophenyl-phenylether	16.66	248	67518	20.098	ng/ul	95
67) Hexachlorobenzene	16.78	284	73787	20.721	ng/ul	97
68) Atrazine	16.93	200	69891	21.426	ng/ul	97
69) Pentachlorophenol	17.14	266	36289	18.251	ng/ul	90
70) Phenanthrene	17.52	178	303364	21.244	ng/ul	99
72) Anthracene	17.61	178	311559	21.629	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	85560	20.147	ng/uL	100
74) Pentachlorobenzene	15.05	250	81064	19.468	ng/uL	94
75) Carbazole	17.89	167	277784	23.059	ng/ul	98
76) Di-n-butylphthalate	18.43	149	326809	22.240	ng/ul	99
77) Fluoranthene	19.52	202	404850	23.252	ng/ul	99
80) Pyrene	19.89	202	402878	21.866	ng/ul	98
81) Butylbenzylphthalate	20.76	149	146561	22.733	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.65	252	141457	23.314	ng/ul	99
83) Benzo(a)anthracene	21.73	228	399858	21.582	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.62	149	206038	22.009	ng/ul	99
85) Chrysene	21.80	228	391339	22.102	ng/ul	99
87) Di-n-octyl phthalate	22.85	149	350572	23.219	ng/ul	100
88) Benzo(b)fluoranthene	23.99	252	396520	21.476	ng/ul	99
89) Benzo(k)fluoranthene	24.06	252	389479	21.539	ng/ul	95
91) Benzo(a)pyrene	24.88	252	352344	21.689	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.78	276	450012m>	21.653	ng/ul >	02/22/21 JU
93) Dibenzo(a,h)anthracene	28.85	278	374403	21.543	ng/ul	96
94) Benzo(g,h,i)perylene	29.95	276	367384	21.258	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