Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080620\
Data File : BG046178.D
Acq On : 6 Aug 2020 12:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 12:42:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 10:37:54 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02040

Manual Integrations APPROVED
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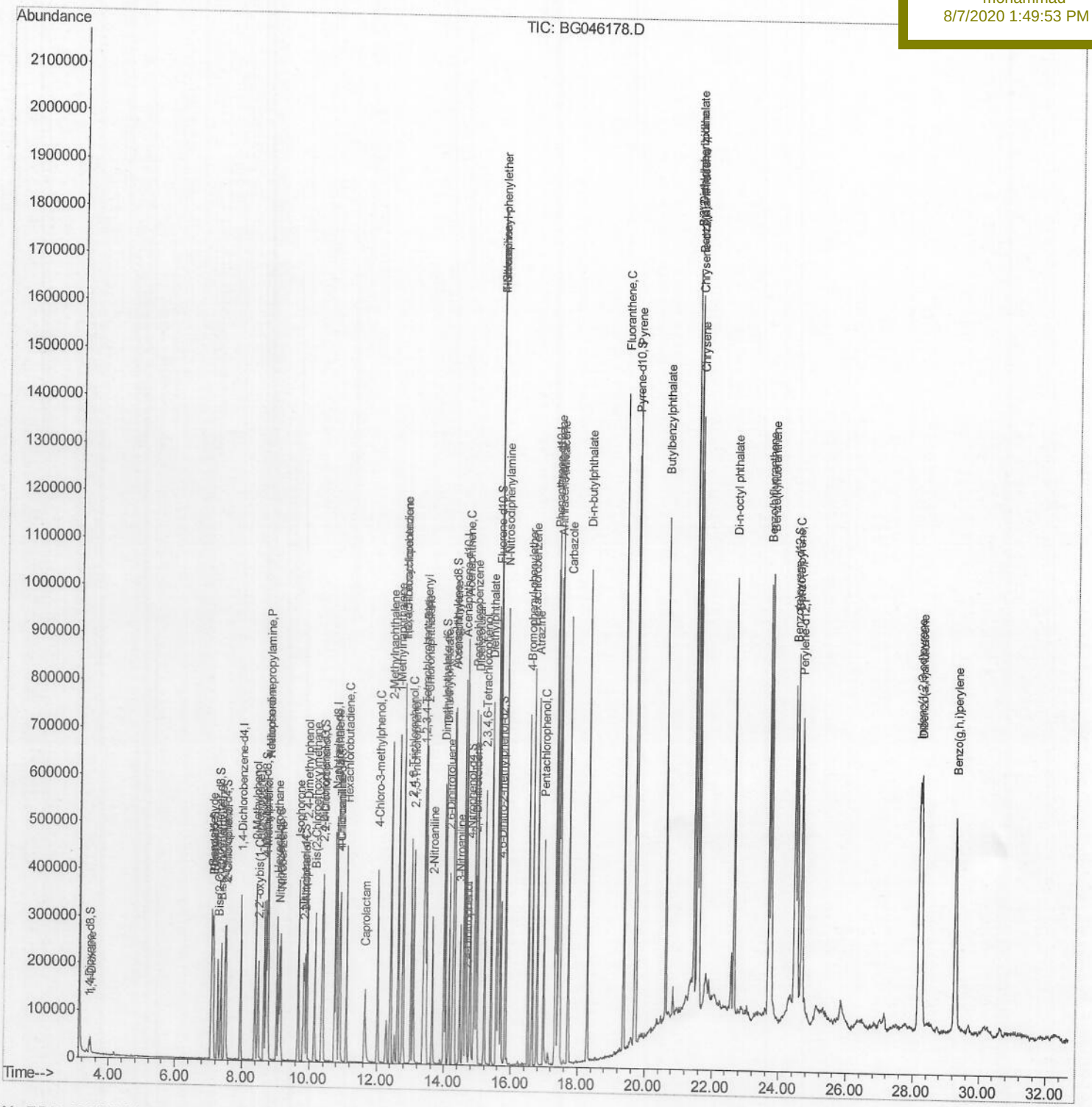

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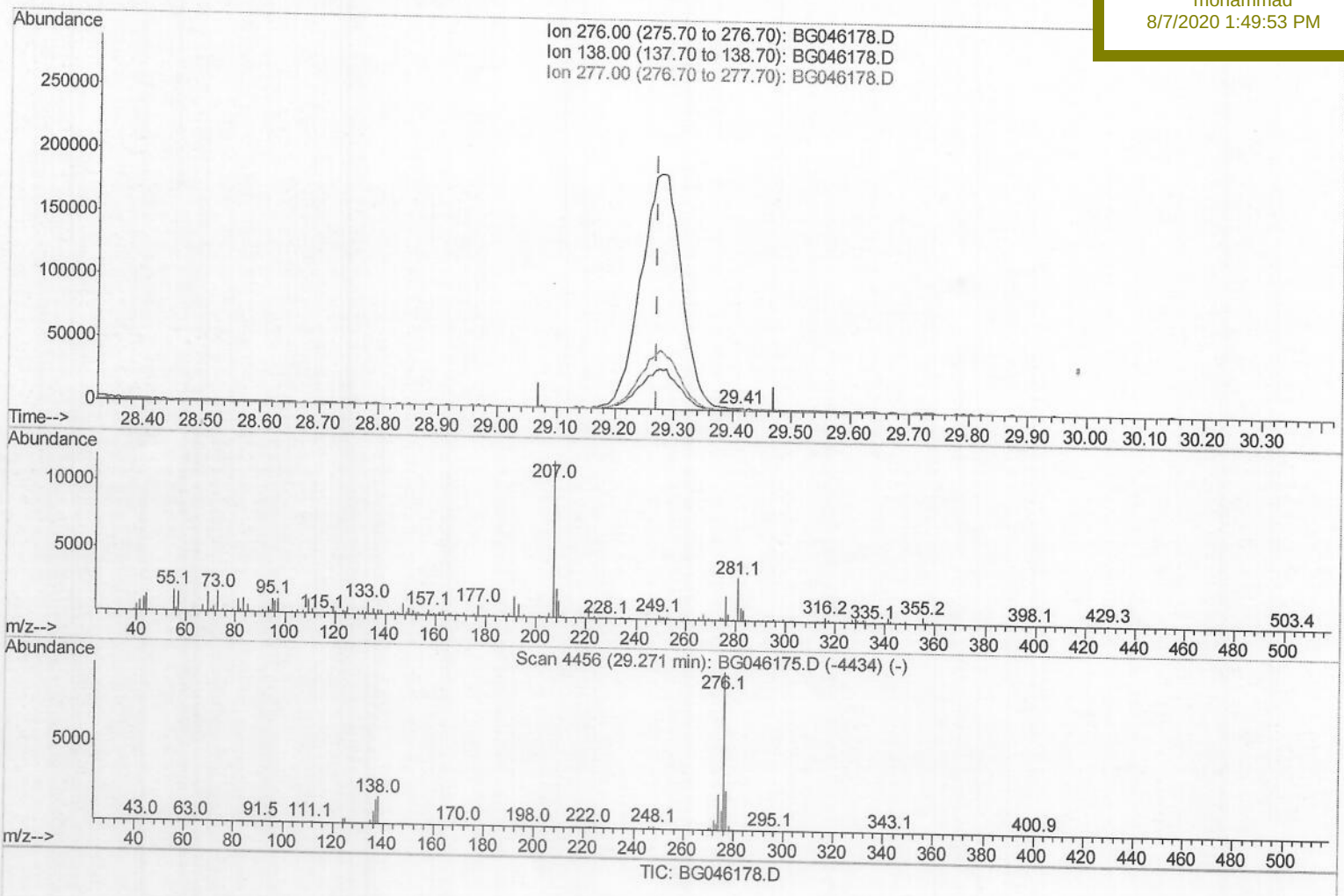

TIC: BG046178.D

(94) Benzo(g,h,i)perylene

29.410min (+0.139) 0.02ng/ul

response 719

Ion	Exp%	Act%
276.00	100	100
138.00	17.00	24.23#
277.00	23.50	30.94#
0.00	0.00	0.00

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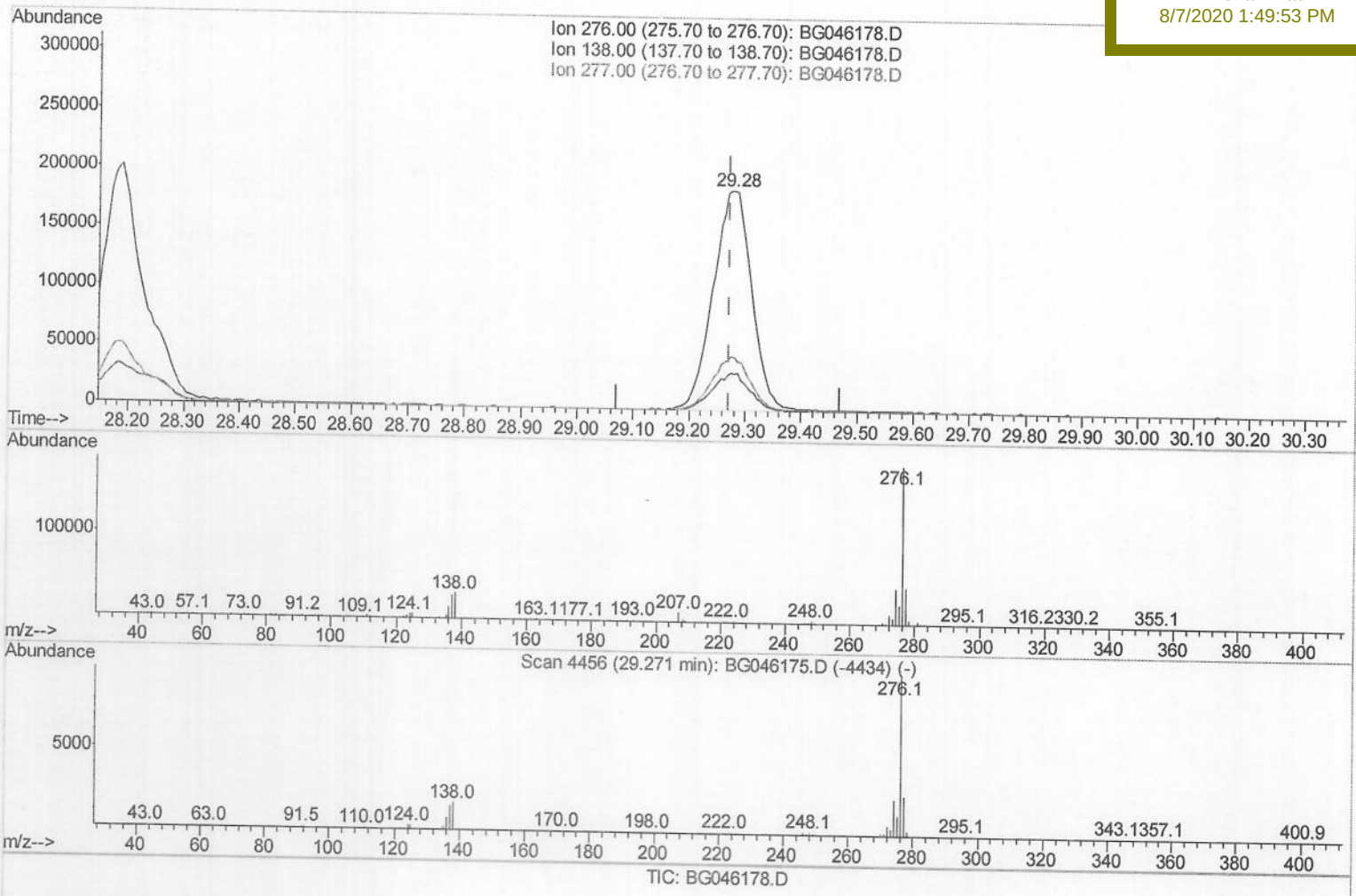

TIC: BG046178.D

(94) Benzo(g,h,i)perylene

29.281min (+0.010) 20.02ng/ul m -> 08/11/2020 JV

response 888438

Ion	Exp%	Act%
276.00	100	100
138.00	17.00	16.39
277.00	23.50	23.64
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	7.95	152	106237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	431529	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.58	164	289803	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	657346	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	628143	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	678733	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	16922	7.87	ng/uL	0.00
5) Phenol-d5	7.11	99	169012	20.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	96618	18.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	139735	20.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	137779	19.59	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	67131	22.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	76098	24.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	155205	22.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	173000	21.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	448463	19.84	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	546313	20.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	76106	20.62	ng/ul	0.00
58) Fluorene-d10	15.57	176	414154	20.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.68	200	62498	19.00	ng/ul	0.00
71) Anthracene-d10	17.42	188	621593	20.50	ng/ul	0.00
79) Pyrene-d10	19.70	212	686675	20.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.46	264	749122	19.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	20566	7.808	ng/uL	96
4) Benzaldehyde	7.09	77	111287	18.724	ng/ul	99
6) Phenol	7.14	94	171133	19.929	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.37	93	137148	19.514	ng/ul	96
10) 2-Chlorophenol	7.52	128	137694	20.355	ng/ul	97
11) 2-Methylphenol	8.39	108	139638	20.181	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.49	45	209491	17.636	ng/ul#	94
14) Acetophenone	8.77	105	204531	19.709	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.76	70	106056	18.888	ng/ul	95
16) 4-Methylphenol	8.72	108	147763	19.932	ng/ul	96
17) Hexachloroethane	9.04	117	56650	19.735	ng/ul	92
20) Nitrobenzene	9.15	77	155375	19.849	ng/ul	97
21) Isophorone	9.67	82	304687	19.918	ng/ul	98
23) 2-Nitrophenol	9.86	139	82125	23.558	ng/ul	98
24) 2,4-Dimethylphenol	9.92	107	156615	20.274	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.16	93	188555	19.486	ng/ul	99
27) 2,4-Dichlorophenol	10.40	162	149143	21.471	ng/ul	97
28) Naphthalene	10.80	128	456882	19.783	ng/ul	99
30) 4-Chloroaniline	10.90	127	169066	22.146	ng/ul	89
31) Hexachlorobutadiene	11.10	225	114248	21.373	ng/ul	96
32) Caprolactam	11.65	113	48756	20.821	ng/ul	92
33) 4-Chloro-3-methylphenol	12.03	107	147368	20.691	ng/ul	99
34) 2-Methylnaphthalene	12.41	142	347667	20.024	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	12.62	142	338014	19.712 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	213156	21.275 ng/ul	96
38) Hexachlorocyclopentadiene	12.76	237	109016	19.004 ng/ul	95
39) 2,4,6-Trichlorophenol	13.01	196	135216	23.088 ng/ul	97
40) 2,4,5-Trichlorophenol	13.08	196	144107	22.635 ng/ul	97
41) 1,1'-Biphenyl	13.42	154	450390	20.087 ng/ul	97
42) 2-Chloronaphthalene	13.45	162	364149	20.355 ng/ul	98
43) 2-Nitroaniline	13.65	65	86232	20.448 ng/ul	96
45) Dimethylphthalate	14.03	163	446125	19.681 ng/ul	97
46) 2,6-Dinitrotoluene	14.15	165	97444	22.542 ng/ul	93
48) Acenaphthylene	14.30	152	551146	20.081 ng/ul	99
49) 3-Nitroaniline	14.47	138	87072	21.383 ng/ul	98
50) Acenaphthene	14.64	153	389958	19.734 ng/ul	99
51) 2,4-Dinitrophenol	14.68	184	31205	16.307 ng/ul	97
53) 4-Nitrophenol	14.78	109	50418	19.034 ng/ul	96
54) Dibenzofuran	14.98	168	548165	20.341 ng/ul	99
55) 2,4-Dinitrotoluene	14.93	165	136705	22.207 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.20	232	138583	23.345 ng/ul	94
57) Diethylphthalate	15.40	149	443840	19.823 ng/ul	98
59) Fluorene	15.63	166	457568	20.023 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.62	204	244314	20.349 ng/ul	95
61) 4-Nitroaniline	15.63	138	94875	20.900 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.70	198	67920	19.382 ng/ul	94
65) N-Nitrosodiphenylamine	15.83	169	394860	20.659 ng/ul	99
66) 4-Bromophenyl-phenylether	16.51	248	171712	21.021 ng/ul	94
67) Hexachlorobenzene	16.64	284	197864	21.458 ng/ul	96
68) Atrazine	16.78	200	163964	21.459 ng/ul	100
69) Pentachlorophenol	16.97	266	110256	22.434 ng/ul	96
70) Phenanthrene	17.36	178	733232	19.986 ng/ul	100
72) Anthracene	17.45	178	742743	20.319 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	211095	21.385 ng/uL	99
74) Pentachlorobenzene	14.90	250	218169	21.885 ng/uL	96
75) Carbazole	17.72	167	645546	22.008 ng/ul	99
76) Di-n-butylphthalate	18.29	149	761996	21.113 ng/ul	99
77) Fluoranthene	19.37	202	889068	22.093 ng/ul	99
80) Pyrene	19.73	202	877731	20.665 ng/ul	98
81) Butylbenzylphthalate	20.63	149	327207	22.444 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.47	252	302416	22.431 ng/ul	96
83) Benzo(a)anthracene	21.55	228	846400	20.460 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	463930	21.875 ng/ul	99
85) Chrysene	21.61	228	817047	20.318 ng/ul	100
87) Di-n-octyl phthalate	22.65	149	808492	22.796 ng/ul	100
88) Benzo(b)fluoranthene	23.69	252	904382	19.723 ng/ul	100
89) Benzo(k)fluoranthene	23.76	252	898948	19.967 ng/ul	99
91) Benzo(a)pyrene	24.53	252	834637	19.849 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.19	276	1060209	20.189 ng/ul	98
93) Dibenzo(a,h)anthracene	28.25	278	878124	20.440 ng/ul	98
94) Benzo(g,h,i)perylene	29.28	276	888438m	-> 20.016 ng/ul	

08/11/2020 JU

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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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