Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046064.D
Acq On : 24 Jul 2020 14:16
Operator : CG/JU
Sample : L1955-08
Misc : MDL-WTR-01
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-01

Manual Integrations APPROVED
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Quant Time: Jul 24 17:41:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 10:06:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	96471	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	395300	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	265728	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	617720	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	650692	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	729124	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	4154	2.13	ng/uL	0.00
5) Phenol-d5	7.13	99	191916	25.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	123119	26.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	158964	26.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	157505	24.66	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	73305	26.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	80909	28.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	165421	25.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	223822	30.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	560227	27.03	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	667567	27.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	82280	24.31	ng/ul	0.00
58) Fluorene-d10	15.58	176	501749	26.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	73583	23.80	ng/ul	0.00
71) Anthracene-d10	17.43	188	769616	27.02	ng/ul	0.00
79) Pyrene-d10	19.71	212	957707	27.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	996471	24.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	4415	1.846	ng/uL	99
4) Benzaldehyde	7.10	77	13110m	2.429	ng/ul	
6) Phenol	7.15	94	31199	4.001	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.38	93	25933	4.063	ng/ul	98
10) 2-Chlorophenol	7.53	128	24273	3.951	ng/ul	98
11) 2-Methylphenol	8.40	108	22886	3.642	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.50	45	42395	3.930	ng/ul	99
14) Acetophenone	8.78	105	37677	3.998	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.77	70	19165	3.759	ng/ul	95
16) 4-Methylphenol	8.72	108	24387	3.623	ng/ul	94
17) Hexachloroethane	9.05	117	10275	3.942	ng/ul	99
20) Nitrobenzene	9.15	77	28067	3.914	ng/ul	98
21) Isophorone	9.68	82	51125	3.648	ng/ul#	95
23) 2-Nitrophenol	9.87	139	13417	4.202	ng/ul	91
24) 2,4-Dimethylphenol	9.93	107	22180	3.134	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.16	93	33436	3.772	ng/ul	97
27) 2,4-Dichlorophenol	10.41	162	25578	4.020	ng/ul	94
28) Naphthalene	10.81	128	81883	3.871	ng/ul	97
30) 4-Chloroaniline	10.91	127	32730	4.680	ng/ul	89
31) Hexachlorobutadiene	11.11	225	19575	3.998	ng/ul	91
32) Caprolactam	11.68	113	6597m	3.075	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	21636	3.316	ng/ul	95
34) 2-Methylnaphthalene	12.41	142	64793	4.074	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	62141	3.956 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	38200	4.158 ng/ul	96
38) Hexachlorocyclopentadiene	12.77	237	12570	2.390 ng/ul	99
39) 2,4,6-Trichlorophenol	13.02	196	18322	3.412 ng/ul	99
40) 2,4,5-Trichlorophenol	13.09	196	20277	3.474 ng/ul	98
41) 1,1'-Biphenyl	13.42	154	85400	4.154 ng/ul	95
42) 2-Chloronaphthalene	13.46	162	67956	4.143 ng/ul	98
43) 2-Nitroaniline	13.65	65	14039	3.631 ng/ul	89
45) Dimethylphthalate	14.04	163	85325	4.105 ng/ul	98
46) 2,6-Dinitrotoluene	14.15	165	13820	3.487 ng/ul#	94
48) Acenaphthylene	14.31	152	100833	4.007 ng/ul	97
49) 3-Nitroaniline	14.48	138	11802	3.161 ng/ul#	93
50) Acenaphthene	14.65	153	71768	3.961 ng/ul	96
51) 2,4-Dinitrophenol	14.69	184	4912	2.799 ng/ul	90
53) 4-Nitrophenol	14.78	109	9029	3.718 ng/ul#	83
54) Dibenzofuran	14.98	168	104353	4.223 ng/ul	98
55) 2,4-Dinitrotoluene	14.94	165	21208	3.757 ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.21	232	19461	3.575 ng/ul#	95
57) Diethylphthalate	15.41	149	82862	4.036 ng/ul	98
59) Fluorene	15.63	166	85674	4.089 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.63	204	44126	4.008 ng/ul	95
61) 4-Nitroaniline	15.64	138	11855m	2.848 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	11635	3.533 ng/ul#	79
65) N-Nitrosodiphenylamine	15.84	169	73022	4.066 ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	30848	4.019 ng/ul	94
67) Hexachlorobenzene	16.64	284	35951	4.149 ng/ul	96
68) Atrazine	16.79	200	28373	3.952 ng/ul	93
69) Pentachlorophenol	16.98	266	13565m	2.937 ng/ul	
70) Phenanthrene	17.37	178	146531	4.250 ng/ul	97
72) Anthracene	17.46	178	140476	4.090 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	39213	4.227 ng/uL	98
74) Pentachlorobenzene	14.91	250	38301	4.089 ng/uL	91
75) Carbazole	17.73	167	122158	4.432 ng/ul	96
76) Di-n-butylphthalate	18.30	149	134598	3.969 ng/ul	97
77) Fluoranthene	19.38	202	187251	4.952 ng/ul	99
80) Pyrene	19.74	202	190618	4.332 ng/ul	100
81) Butylbenzylphthalate	20.63	149	55458	3.672 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.47	252	51798	3.709 ng/ul	97
83) Benzo(a)anthracene	21.56	228	193094	4.506 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	81298	3.701 ng/ul	98
85) Chrysene	21.62	228	182351	4.377 ng/ul	97
87) Di-n-octyl phthalate	22.67	149	128047	3.361 ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	187921	3.815 ng/ul	99
89) Benzo(k)fluoranthene	23.77	252	182113	3.765 ng/ul	97
91) Benzo(a)pyrene	24.54	252	176490	3.907 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.20	276	204915	3.632 ng/ul	97
93) Dibenzo(a,h)anthracene	28.27	278	168405	3.649 ng/ul	100
94) Benzo(g,h,i)perylene	29.30	276	173586	3.641 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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