Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046068.D
Acq On : 24 Jul 2020 16:58
Operator : CG/JU
Sample : L1955-10
Misc : MDL-WTR-03
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03

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Quant Time: Jul 24 17:39:52 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	98771	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	413188	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	277961	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	628689	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	644469	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	720622	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	3809	1.90	ng/uL	0.00
5) Phenol-d5	7.13	99	221443	28.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	139189	28.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	179044	28.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	183922	28.13	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	88032	30.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	95001	31.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	191486	28.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	259597	34.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	638495	29.45	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	772242	30.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	95661	27.02	ng/ul	0.00
58) Fluorene-d10	15.58	176	568740	28.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	84567	26.88	ng/ul	0.00
71) Anthracene-d10	17.43	188	863118	29.77	ng/ul	0.00
79) Pyrene-d10	19.71	212	1046041	30.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1095399	27.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	3955	1.615	ng/uL#	87
4) Benzaldehyde	7.10	77	14369m	2.600	ng/ul	
6) Phenol	7.15	94	31903	3.996	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.38	93	26313	4.027	ng/ul	98
10) 2-Chlorophenol	7.53	128	25969	4.129	ng/ul	99
11) 2-Methylphenol	8.40	108	23008	3.576	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.49	45	46587	4.218	ng/ul	100
14) Acetophenone	8.78	105	40648	4.213	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.76	70	20894	4.002	ng/ul	99
16) 4-Methylphenol	8.72	108	26679	3.871	ng/ul	84
17) Hexachloroethane	9.05	117	10012	3.751	ng/ul	93
20) Nitrobenzene	9.15	77	30928	4.126	ng/ul	97
21) Isophorone	9.68	82	55951	3.820	ng/ul	97
23) 2-Nitrophenol	9.87	139	14365	4.304	ng/ul#	93
24) 2,4-Dimethylphenol	9.93	107	26912	3.638	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.16	93	35781	3.862	ng/ul	97
27) 2,4-Dichlorophenol	10.40	162	27704	4.165	ng/ul	96
28) Naphthalene	10.81	128	88752	4.014	ng/ul	95
30) 4-Chloroaniline	10.91	127	34979	4.785	ng/ul	99
31) Hexachlorobutadiene	11.11	225	20668	4.038	ng/ul	96
32) Caprolactam	11.68	113	7119m	3.175	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	23718	3.478	ng/ul	98
34) 2-Methylnaphthalene	12.41	142	68493	4.120	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	67533	4.113 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	41259	4.294 ng/ul	97
38) Hexachlorocyclopentadiene	12.77	237	13965	2.538 ng/ul	98
39) 2,4,6-Trichlorophenol	13.02	196	19698	3.507 ng/ul	93
40) 2,4,5-Trichlorophenol	13.09	196	21817	3.573 ng/ul	95
41) 1,1'-Biphenyl	13.42	154	93814	4.362 ng/ul	99
42) 2-Chloronaphthalene	13.46	162	72828	4.244 ng/ul	97
43) 2-Nitroaniline	13.65	65	14612	3.613 ng/ul	89
45) Dimethylphthalate	14.04	163	89886	4.134 ng/ul	100
46) 2,6-Dinitrotoluene	14.15	165	15123	3.648 ng/ul	95
48) Acenaphthylene	14.31	152	108617	4.126 ng/ul	99
49) 3-Nitroaniline	14.48	138	12163	3.114 ng/ul#	97
50) Acenaphthene	14.65	153	76275	4.024 ng/ul	99
51) 2,4-Dinitrophenol	14.69	184	4621	2.518 ng/ul#	92
53) 4-Nitrophenol	14.79	109	9192	3.618 ng/ul#	78
54) Dibenzofuran	14.99	168	110290	4.267 ng/ul	97
55) 2,4-Dinitrotoluene	14.93	165	22515	3.813 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.21	232	21393	3.757 ng/ul	99
57) Diethylphthalate	15.41	149	86789	4.041 ng/ul	98
59) Fluorene	15.63	166	90436	4.126 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.63	204	46969	4.079 ng/ul	98
61) 4-Nitroaniline	15.64	138	13962m	3.207 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	12642	3.772 ng/ul#	70
65) N-Nitrosodiphenylamine	15.84	169	78128	4.274 ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	32755	4.193 ng/ul	99
67) Hexachlorobenzene	16.64	284	37580	4.261 ng/ul#	95
68) Atrazine	16.78	200	28997	3.968 ng/ul	97
69) Pentachlorophenol	16.98	266	13831m	2.942 ng/ul	
70) Phenanthrene	17.37	178	151876	4.329 ng/ul	98
72) Anthracene	17.46	178	144372	4.130 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	41470	4.393 ng/uL	96
74) Pentachlorobenzene	14.91	250	41298	4.332 ng/uL	96
75) Carbazole	17.73	167	125584	4.476 ng/ul	96
76) Di-n-butylphthalate	18.30	149	138265	4.006 ng/ul	97
77) Fluoranthene	19.38	202	188762	4.905 ng/ul	98
80) Pyrene	19.74	202	192840	4.425 ng/ul	98
81) Butylbenzylphthalate	20.63	149	58182	3.890 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.47	252	52749	3.813 ng/ul	99
83) Benzo(a)anthracene	21.56	228	193616	4.562 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	83738	3.848 ng/ul	99
85) Chrysene	21.62	228	184244	4.466 ng/ul	96
87) Di-n-octyl phthalate	22.67	149	138068	3.667 ng/ul	100
88) Benzo(b)fluoranthene	23.71	252	189007	3.882 ng/ul	99
89) Benzo(k)fluoranthene	23.77	252	187716	3.927 ng/ul	99
91) Benzo(a)pyrene	24.55	252	180350	4.040 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.20	276	204175	3.662 ng/ul	97
93) Dibenzo(a,h)anthracene	28.28	278	172737	3.787 ng/ul	96
94) Benzo(g,h,i)perylene	29.30	276	178511m	3.788 ng/ul	

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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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