Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
Data File : BG045430.D
Acq On : 19 May 2020 18:45
Operator : CG/JU
Sample : L2182-07
Misc : WATER - LOD - 8PPM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 20 06:04:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 00:13:14 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Manual Integrations APPROVED

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5/20/2020 1:20:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	91837	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	375194	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	270946	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	614385	20.00	ng		0.00
76) Chrysene-d12	21.61	240	597830	20.00	ng		0.00
87) Perylene-d12	24.77	264	629006	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	534318	113.70	ng		0.00
7) Phenol-d6	7.19	99	774393	115.78	ng		-0.01
23) Nitrobenzene-d5	9.12	82	535317	77.80	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	414457	119.61	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1265670	79.23	ng		0.00
79) Terphenyl-d14	19.97	244	2162317	84.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	12100	5.192	ng		95
3) Pyridine	3.83	79	27563	4.247	ng		98
4) n-Nitrosodimethylamine	3.74	42	10683	5.030	ng	#	86
6) Aniline	7.29	93	53280	6.102	ng		98
8) 2-Chlorophenol	7.55	128	32426	6.292	ng		94
9) Benzaldehyde	7.10	77	31217	7.164	ng		89
10) Phenol	7.22	94	42280	6.133	ng		97
11) bis(2-Chloroethyl)ether	7.38	93	32495	6.044	ng		88
12) 1,3-Dichlorobenzene	7.85	146	38156	6.161	ng		98
13) 1,4-Dichlorobenzene	8.00	146	38018	6.221	ng		99
14) 1,2-Dichlorobenzene	8.32	146	35478	6.036	ng		98
15) Benzyl Alcohol	8.22	79	30606	5.539	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.49	45	31381	6.149	ng		93
17) 2-Methylphenol	8.46	107	29397	5.698	ng		96
18) Hexachloroethane	9.05	117	14525	6.206	ng	#	76
19) n-Nitroso-di-n-propylamine	8.77	70	30066	6.501	ng		97
20) 3+4-Methylphenols	8.78	107	40232	5.726	ng	#	40
22) Acetophenone	8.78	105	55991	6.296	ng	#	95
24) Nitrobenzene	9.17	77	45028	6.108	ng		98
25) Isophorone	9.69	82	85184	6.287	ng	#	97
26) 2-Nitrophenol	9.88	139	19015	6.030	ng	#	82
27) 2,4-Dimethylphenol	9.98	122	31339	6.701	ng		97
28) bis(2-Chloroethoxy)methane	10.17	93	45366	6.384	ng		95
29) 2,4-Dichlorophenol	10.46	162	32346	5.857	ng		94
30) 1,2,4-Trichlorobenzene	10.63	180	39468	6.048	ng	#	94
31) Naphthalene	10.82	128	110443	6.317	ng		100
32) Benzoic acid	10.10	122	15972m	5.686	ng		
33) 4-Chloroaniline	10.94	127	45323	6.202	ng	#	93
34) Hexachlorobutadiene	11.11	225	26828	5.816	ng		94
35) Caprolactam	11.69	113	12328	6.081	ng		97
36) 4-Chloro-3-methylphenol	12.11	107	40058	6.437	ng		92
37) 2-Methylnaphthalene	12.43	142	83015	6.370	ng		96
38) 1-Methylnaphthalene	12.65	142	81116	6.590	ng		85
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	48718	6.437	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	20362	4.662	ng		91
43) 2,4,6-Trichlorophenol	13.06	196	32213	6.127	ng		87
44) 2,4,5-Trichlorophenol	13.15	196	32521	5.413	ng		90
46) 1,1'-Biphenyl	13.44	154	111933	6.723	ng		99
47) 2-Chloronaphthalene	13.48	162	84017	6.215	ng		97
48) 2-Nitroaniline	13.69	65	23064	5.186	ng	#	77
49) Acenaphthylene	14.33	152	147152	6.776	ng		97
50) Dimethylphthalate	14.06	163	124211	6.683	ng		98
51) 2,6-Dinitrotoluene	14.18	165	25535	6.088	ng		93
52) Acenaphthene	14.67	154	82139	5.651	ng		98
53) 3-Nitroaniline	14.52	138	23279	5.460	ng		95
54) 2,4-Dinitrophenol	14.73	184	3749m	1.539	ng		
55) Dibenzofuran	15.00	168	144080	6.675	ng		97
56) 4-Nitrophenol	14.92	139	15641	4.846	ng	#	80
57) 2,4-Dinitrotoluene	14.97	165	36891	6.073	ng	#	91
58) Fluorene	15.66	166	118119	6.661	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.25	232	29172	5.519	ng		96
60) Diethylphthalate	15.43	149	129140	6.675	ng		95
61) 4-Chlorophenyl-phenylether	15.64	204	64816	6.387	ng		98
62) 4-Nitroaniline	15.69	138	26228	5.893	ng	#	84
63) Azobenzene	15.94	77	117292	6.502	ng		97
65) 4,6-Dinitro-2-methylphenol	15.74	198	15465	4.322	ng		91
66) n-Nitrosodiphenylamine	15.87	169	105950	7.182	ng		96
67) 4-Bromophenyl-phenylether	16.54	248	42931	6.453	ng		96
68) Hexachlorobenzene	16.67	284	48227	6.931	ng		95
69) Atrazine	16.81	200	40284	6.630	ng		97
70) Pentachlorophenol	17.02	266	6409	1.774	ng		92
71) Phenanthrene	17.39	178	195780	7.299	ng		97
72) Anthracene	17.49	178	203102	7.540	ng		98
73) Carbazole	17.76	167	182612	6.955	ng		97
74) Di-n-butylphthalate	18.32	149	221250	7.021	ng		97
75) Fluoranthene	19.40	202	249595	7.316	ng		98
77) Benzidine	19.59	184	108581	6.467	ng		98
78) Pyrene	19.77	202	252354	7.405	ng		96
80) Butylbenzylphthalate	20.65	149	98024	6.664	ng		98
81) Benzo(a)anthracene	21.59	228	240255	7.214	ng		97
82) 3,3'-Dichlorobenzidine	21.51	252	95493	7.310	ng		99
83) Chrysene	21.66	228	234421	7.321	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	135622	6.707	ng		95
85) Di-n-octyl phthalate	22.70	149	234340	6.748	ng		99
86) Indeno(1,2,3-cd)pyrene	28.34	276	271716	6.489	ng		99
88) Benzo(b)fluoranthene	23.77	252	227999m	6.759	ng		
89) Benzo(k)fluoranthene	23.83	252	237082	7.481	ng		96
90) Benzo(a)pyrene	24.62	252	216558	6.893	ng		98
91) Dibenzo(a,h)anthracene	28.40	278	224424	7.108	ng		97
92) Benzo(g,h,i)perylene	29.44	276	224614	7.114	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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