Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
Data File : BG045428.D
Acq On : 19 May 2020 17:25
Operator : CG/JU
Sample : L2182-07
Misc : WATER - LOD - 5PPM
ALS Vial : 8 Sample Multiplier: 1

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

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5/20/2020 1:19:58 PM

Quant Time: May 20 01:45:01 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	92765	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	383540	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	272104	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	632625	20.00	ng		0.00
76) Chrysene-d12	21.62	240	653057	20.00	ng		0.00
87) Perylene-d12	24.76	264	684405	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	580706	122.34	ng		0.00
7) Phenol-d6	7.19	99	827088	122.42	ng		0.00
23) Nitrobenzene-d5	9.13	82	564850	80.31	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	433407	124.55	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1313680	81.89	ng		0.00
79) Terphenyl-d14	19.97	244	2345160	83.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	9475	4.025	ng		92
3) Pyridine	3.83	79	18088	2.759	ng	#	89
4) n-Nitrosodimethylamine	3.75	42	5823	2.714	ng	#	74
6) Aniline	7.29	93	32561	3.692	ng	#	95
8) 2-Chlorophenol	7.55	128	20206	3.882	ng		89
9) Benzaldehyde	7.10	77	19225	4.368	ng		92
10) Phenol	7.22	94	27309	3.922	ng		86
11) bis(2-Chloroethyl)ether	7.38	93	21327	3.927	ng		96
12) 1,3-Dichlorobenzene	7.86	146	23772	3.800	ng		93
13) 1,4-Dichlorobenzene	8.00	146	25076	4.062	ng		93
14) 1,2-Dichlorobenzene	8.32	146	23295	3.923	ng		91
15) Benzyl Alcohol	8.22	79	18367	3.291	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	20579	3.992	ng		100
17) 2-Methylphenol	8.45	107	19731	3.786	ng		87
18) Hexachloroethane	9.05	117	8957	3.788	ng	#	77
19) n-Nitroso-di-n-propylamine	8.76	70	17151	3.671	ng		94
20) 3+4-Methylphenols	8.79	107	23893m	3.367	ng		
22) Acetophenone	8.79	105	32965	3.626	ng	#	93
24) Nitrobenzene	9.16	77	27919	3.705	ng		93
25) Isophorone	9.69	82	51601	3.725	ng		98
26) 2-Nitrophenol	9.88	139	11514	3.572	ng		92
27) 2,4-Dimethylphenol	9.98	122	19234	4.023	ng		87
28) bis(2-Chloroethoxy)methane	10.17	93	28380	3.907	ng		91
29) 2,4-Dichlorophenol	10.46	162	18823	3.334	ng		98
30) 1,2,4-Trichlorobenzene	10.64	180	24637	3.693	ng		95
31) Naphthalene	10.82	128	69438	3.885	ng		98
32) Benzoic acid	10.13	122	7543m	2.627	ng		
33) 4-Chloroaniline	10.95	127	26071	3.490	ng	#	90
34) Hexachlorobutadiene	11.11	225	16516	3.502	ng		90
35) Caprolactam	11.69	113	7708	3.720	ng		86
36) 4-Chloro-3-methylphenol	12.11	107	22634	3.558	ng	#	89
37) 2-Methylnaphthalene	12.43	142	51902	3.896	ng		92
38) 1-Methylnaphthalene	12.65	142	49576	3.940	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	29856	3.928	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	10374	2.365	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	18423	3.489	ng		93
44) 2,4,5-Trichlorophenol	13.15	196	20274	3.360	ng		97
46) 1,1'-Biphenyl	13.44	154	73092	4.372	ng		92
47) 2-Chloronaphthalene	13.48	162	50213	3.698	ng		99
48) 2-Nitroaniline	13.69	65	13768	3.083	ng		92
49) Acenaphthylene	14.33	152	87548	4.015	ng		96
50) Dimethylphthalate	14.06	163	73098	3.916	ng		100
51) 2,6-Dinitrotoluene	14.18	165	16064	3.814	ng		91
52) Acenaphthene	14.67	154	52058	3.566	ng		86
53) 3-Nitroaniline	14.53	138	13687	3.197	ng	#	85
54) 2,4-Dinitrophenol	14.75	184	219	0.090	ng	#	52
55) Dibenzofuran	15.01	168	86329	3.982	ng		99
56) 4-Nitrophenol	14.92	139	8459	2.609	ng	#	84
57) 2,4-Dinitrotoluene	14.97	165	21074	3.455	ng	#	95
58) Fluorene	15.65	166	73604	4.133	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.25	232	17740	3.342	ng	#	97
60) Diethylphthalate	15.42	149	77038	3.965	ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	39587	3.884	ng		94
62) 4-Nitroaniline	15.69	138	14254	3.189	ng		93
63) Azobenzene	15.94	77	70133	3.871	ng		96
65) 4,6-Dinitro-2-methylphenol	15.74	198	8529	2.315	ng		87
66) n-Nitrosodiphenylamine	15.87	169	64801	4.266	ng		95
67) 4-Bromophenyl-phenylether	16.55	248	25585	3.735	ng		83
68) Hexachlorobenzene	16.67	284	30102	4.201	ng		95
69) Atrazine	16.82	200	24324	3.888	ng		91
70) Pentachlorophenol	17.03	266	2026	0.545	ng	#	81
71) Phenanthrene	17.40	178	121383	4.395	ng		98
72) Anthracene	17.49	178	121038	4.364	ng		99
73) Carbazole	17.77	167	112168	4.149	ng		96
74) Di-n-butylphthalate	18.32	149	137296	4.231	ng	#	97
75) Fluoranthene	19.41	202	154597	4.401	ng		99
77) Benzidine	19.60	184	50253	2.740	ng		98
78) Pyrene	19.77	202	162878	4.375	ng		97
80) Butylbenzylphthalate	20.66	149	62439	3.886	ng		99
81) Benzo(a)anthracene	21.59	228	156862	4.312	ng		98
82) 3,3'-Dichlorobenzidine	21.52	252	61008	4.275	ng		95
83) Chrysene	21.66	228	149973	4.287	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	90018	4.075	ng	#	98
85) Di-n-octyl phthalate	22.70	149	153383	4.043	ng		98
86) Indeno(1,2,3-cd)pyrene	28.34	276	174196	3.808	ng	#	71
88) Benzo(b)fluoranthene	23.77	252	153716	4.188	ng		99
89) Benzo(k)fluoranthene	23.83	252	145962m	4.233	ng		
90) Benzo(a)pyrene	24.62	252	141324	4.134	ng	#	94
91) Dibenzo(a,h)anthracene	28.40	278	146001	4.250	ng		99
92) Benzo(g,h,i)perylene	29.45	276	146752	4.271	ng		97

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

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