Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
Data File : BG041790.D
Acq On : 29 Jul 2019 15:46
Operator : HP/JU
Sample : K3591-07
Misc : LOD-WATER-5PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
mohammad
7/30/2019 4:52:29 PM

Quant Time: Jul 30 07:49:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 12:47:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	94695	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	398691	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	292612	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	655507	20.00	ng		0.00
76) Chrysene-d12	21.74	240	663122	20.00	ng		0.00
87) Perylene-d12	25.02	264	755436	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	619861	127.36	ng		0.00
7) Phenol-d6	7.20	99	813325	123.95	ng		0.00
23) Nitrobenzene-d5	9.22	82	504045	87.00	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	434693	130.79	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1395404	84.11	ng		0.00
79) Terphenyl-d14	20.07	244	2144137	73.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	12691	5.540	ng		91
3) Pyridine	3.89	79	25809	4.108	ng		86
4) n-Nitrosodimethylamine	3.80	42	10435	4.190	ng	#	98
6) Aniline	7.37	93	43660	4.725	ng		95
8) 2-Chlorophenol	7.61	128	27771	4.983	ng		93
9) Benzaldehyde	7.18	77	26045	5.641	ng	#	84
10) Phenol	7.22	94	34578	5.065	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	26615	4.743	ng		90
12) 1,3-Dichlorobenzene	7.94	146	34991	4.810	ng		95
13) 1,4-Dichlorobenzene	8.09	146	36137	4.965	ng		96
14) 1,2-Dichlorobenzene	8.41	146	33911	4.883	ng		95
15) Benzyl Alcohol	8.28	79	24132	4.675	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	45427	4.550	ng		94
17) 2-Methylphenol	8.49	107	23441	4.722	ng		93
18) Hexachloroethane	9.15	117	12516	5.022	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	22081	4.635	ng	#	95
20) 3+4-Methylphenols	8.82	107	32852	4.836	ng		97
22) Acetophenone	8.88	105	46155	5.176	ng	#	92
24) Nitrobenzene	9.26	77	32355	5.301	ng		94
25) Isophorone	9.79	82	63929	5.073	ng		99
26) 2-Nitrophenol	9.98	139	13778	4.864	ng	#	82
27) 2,4-Dimethylphenol	10.03	122	26925	5.385	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	39553	5.022	ng		98
29) 2,4-Dichlorophenol	10.51	162	28639	4.704	ng		86
30) 1,2,4-Trichlorobenzene	10.74	180	36812	4.768	ng		97
31) Naphthalene	10.93	128	96866	5.309	ng		95
32) Benzoic acid	10.12	122	1976m	9.181	ng		
33) 4-Chloroaniline	11.03	127	41088	4.748	ng		96
34) Hexachlorobutadiene	11.22	225	24279	4.659	ng		99
35) Caprolactam	11.77	113	9488	4.484	ng	#	81
36) 4-Chloro-3-methylphenol	12.14	107	29081	4.818	ng		93
37) 2-Methylnaphthalene	12.54	142	76125	5.271	ng		98
38) 1-Methylnaphthalene	12.75	142	71284m	5.208	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	46724	5.044	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	24594	4.723	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	25588	4.371	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	29011	4.769	ng		93
46) 1,1'-Biphenyl	13.54	154	100970	5.368	ng		96
47) 2-Chloronaphthalene	13.58	162	79652	4.974	ng		93
48) 2-Nitroaniline	13.77	65	17112	4.213	ng		98
49) Acenaphthylene	14.43	152	128784	5.376	ng		94
50) Dimethylphthalate	14.15	163	105399	5.274	ng		97
51) 2,6-Dinitrotoluene	14.26	165	21279	5.092	ng		94
52) Acenaphthene	14.77	154	75737	4.861	ng		94
53) 3-Nitroaniline	14.59	138	20077	4.491	ng		95
54) 2,4-Dinitrophenol	14.81	184	4561	5.753	ng	#	71
55) Dibenzofuran	15.10	168	132354	5.554	ng		91
56) 4-Nitrophenol	14.89	139	14004	4.127	ng		93
57) 2,4-Dinitrotoluene	15.05	165	26083	4.539	ng		95
58) Fluorene	15.75	166	106590	5.573	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	27809	4.615	ng	#	94
60) Diethylphthalate	15.52	149	103529	5.277	ng		96
61) 4-Chlorophenyl-phenylether	15.74	204	58923	5.047	ng		95
62) 4-Nitroaniline	15.76	138	22010	4.545	ng		93
63) Azobenzene	16.04	77	85305	5.323	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	11021	9.797	ng		86
66) n-Nitrosodiphenylamine	15.96	169	94649	5.301	ng		96
67) 4-Bromophenyl-phenylether	16.64	248	38166	4.727	ng		97
68) Hexachlorobenzene	16.76	284	40658	4.813	ng		93
69) Atrazine	16.90	200	34660	4.940	ng		98
70) Pentachlorophenol	17.10	266	18219	3.797	ng		93
71) Phenanthrene	17.49	178	176030	5.602	ng		92
72) Anthracene	17.59	178	177549	5.666	ng		91
73) Carbazole	17.85	167	151225	5.377	ng		91
74) Di-n-butylphthalate	18.42	149	169869	5.327	ng	#	92
75) Fluoranthene	19.50	202	219114	5.737	ng		89
77) Benzidine	19.68	184	101176	4.674	ng		96
78) Pyrene	19.87	202	226428	5.763	ng	#	87
80) Butylbenzylphthalate	20.76	149	68275	4.532	ng		88
81) Benzo(a)anthracene	21.72	228	210346	5.361	ng		91
82) 3,3'-Dichlorobenzidine	21.63	252	82660	5.248	ng		98
83) Chrysene	21.78	228	209048	5.559	ng	#	86
84) Bis(2-ethylhexyl)phthalate	21.64	149	103592	4.985	ng		93
85) Di-n-octyl phthalate	22.88	149	172771	4.941	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.74	276	238371	4.788	ng	#	84
88) Benzo(b)fluoranthene	23.97	252	212860	5.151	ng	#	93
89) Benzo(k)fluoranthene	24.04	252	212588	5.281	ng	#	92
90) Benzo(a)pyrene	24.85	252	207477	5.235	ng	#	93
91) Dibenzo(a,h)anthracene	28.82	278	196874	5.059	ng	#	96
92) Benzo(g,h,i)perylene	29.91	276	195641	5.032	ng	#	92

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

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