Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041076.D
Acq On : 5 Jun 2019 17:36
Operator : HP/JU
Sample : K2241-07
Misc : LOD-WATER-8PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT2-2019

Manual Integrations APPROVED
mohammad
6/6/2019 3:42:26 PM

Quant Time: Jun 06 08:36:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37620	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	140687	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	96167	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	243904	20.00	ng		-0.02
76) Chrysene-d12	21.76	240	284516	20.00	ng		-0.03
87) Perylene-d12	25.09	264	307512	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	245076	117.47	ng		-0.01
7) Phenol-d6	7.25	99	339190	105.27	ng		-0.01
23) Nitrobenzene-d5	9.29	82	238132	75.14	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	174241	122.05	ng		-0.01
45) 2-Fluorobiphenyl	13.36	172	526159	78.79	ng		-0.02
79) Terphenyl-d14	20.08	244	1011429	75.45	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	8134	8.592	ng		98
3) Pyridine	3.94	79	18982	6.776	ng		86
4) n-Nitrosodimethylamine	3.85	42	9079	6.983	ng	#	79
6) Aniline	7.44	93	27794	6.463	ng		97
8) 2-Chlorophenol	7.67	128	17336	6.970	ng		91
9) Benzaldehyde	7.25	77	18133	9.434	ng	#	80
10) Phenol	7.28	94	22338	6.466	ng		97
11) bis(2-Chloroethyl)ether	7.53	93	16734	6.677	ng		97
12) 1,3-Dichlorobenzene	8.00	146	18892m	6.360	ng		
13) 1,4-Dichlorobenzene	8.15	146	21365	7.105	ng		98
14) 1,2-Dichlorobenzene	8.46	146	19588	6.709	ng		98
15) Benzyl Alcohol	8.35	79	18341	6.154	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	25943	6.335	ng		89
17) 2-Methylphenol	8.55	107	14983	5.990	ng		95
18) Hexachloroethane	9.20	117	7841	6.766	ng		85
19) n-Nitroso-di-n-propylamine	8.91	70	14686	5.923	ng		92
20) 3+4-Methylphenols	8.87	107	21664	6.253	ng		90
22) Acetophenone	8.94	105	29339	7.434	ng	#	94
24) Nitrobenzene	9.33	77	24889	7.707	ng		97
25) Isophorone	9.84	82	41836	6.937	ng		97
26) 2-Nitrophenol	10.04	139	8976	6.742	ng		93
27) 2,4-Dimethylphenol	10.09	122	14981	6.813	ng		95
28) bis(2-Chloroethoxy)methane	10.33	93	22373	6.873	ng		98
29) 2,4-Dichlorophenol	10.58	162	19165	6.864	ng		96
30) 1,2,4-Trichlorobenzene	10.78	180	22045	6.940	ng		96
31) Naphthalene	10.98	128	56043	7.419	ng		98
32) Benzoic acid	10.17	122	2919m	9.548	ng		
33) 4-Chloroaniline	11.10	127	23775	6.784	ng	#	95
34) Hexachlorobutadiene	11.25	225	17258	7.101	ng		96
35) Caprolactam	11.85	113	6040	6.550	ng	#	84
36) 4-Chloro-3-methylphenol	12.19	107	21397	6.710	ng	#	86
37) 2-Methylnaphthalene	12.58	142	40792	7.012	ng		92
38) 1-Methylnaphthalene	12.79	142	38939	7.103	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	29928	7.721	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	11010	12.976	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	16881	6.732	ng		88
44) 2,4,5-Trichlorophenol	13.25	196	19738	7.464	ng		91
46) 1,1'-Biphenyl	13.58	154	54819	7.701	ng		93
47) 2-Chloronaphthalene	13.62	162	44914	7.350	ng		94
48) 2-Nitroaniline	13.83	65	14491	6.610	ng		98
49) Acenaphthylene	14.47	152	70278	7.641	ng		97
50) Dimethylphthalate	14.19	163	57372	7.048	ng		100
51) 2,6-Dinitrotoluene	14.32	165	11907	6.784	ng		93
52) Acenaphthene	14.80	154	39630	7.113	ng		89
53) 3-Nitroaniline	14.65	138	11761	6.701	ng		86
54) 2,4-Dinitrophenol	14.87	184	981	9.602	ng	#	79
55) Dibenzofuran	15.14	168	73490	7.839	ng		95
56) 4-Nitrophenol	14.95	139	6954	5.776	ng		89
57) 2,4-Dinitrotoluene	15.10	165	17051	6.877	ng	#	94
58) Fluorene	15.78	166	56305	7.541	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	19313	7.431	ng		95
60) Diethylphthalate	15.54	149	60605	7.295	ng		97
61) 4-Chlorophenyl-phenylether	15.77	204	34125	7.032	ng		96
62) 4-Nitroaniline	15.81	138	13490	7.260	ng	#	74
63) Azobenzene	16.07	77	55260	7.318	ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	5991	12.353	ng		92
66) n-Nitrosodiphenylamine	15.98	169	50508	7.367	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	21991	6.681	ng		97
68) Hexachlorobenzene	16.78	284	23883	6.814	ng		93
69) Atrazine	16.92	200	20903	7.901	ng		99
70) Pentachlorophenol	17.13	266	8441	8.512	ng		98
71) Phenanthrene	17.52	178	99689	7.847	ng		96
72) Anthracene	17.62	178	101239	8.080	ng		96
73) Carbazole	17.89	167	87432	8.132	ng		96
74) Di-n-butylphthalate	18.42	149	100348	7.510	ng		98
75) Fluoranthene	19.53	202	131874	8.404	ng		96
77) Benzidine	19.71	184	57297	8.442	ng		95
78) Pyrene	19.89	202	136161	7.362	ng		96
80) Butylbenzylphthalate	20.76	149	47941	6.661	ng		97
81) Benzo(a)anthracene	21.74	228	146353	7.728	ng		96
82) 3,3'-Dichlorobenzidine	21.65	252	51695	7.760	ng	#	96
83) Chrysene	21.81	228	140391	7.746	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	71117	7.019	ng		94
85) Di-n-octyl phthalate	22.86	149	123813	7.337	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	156545	7.051	ng		91
88) Benzo(b)fluoranthene	24.02	252	136259	7.305	ng		98
89) Benzo(k)fluoranthene	24.09	252	136618	7.402	ng		97
90) Benzo(a)pyrene	24.93	252	133039	7.476	ng		92
91) Dibenzo(a,h)anthracene	28.97	278	130927	7.363	ng		99
92) Benzo(g,h,i)perylene	30.10	276	132846	7.690	ng		97

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

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