Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041077.D
Acq On : 5 Jun 2019 18:15
Operator : HP/JU
Sample : K2241-08
Misc : LOQ-WATER-20PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2019

Manual Integrations APPROVED
mohammad
6/6/2019 3:42:29 PM

Quant Time: Jun 06 08:38:56 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	36189	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	132035	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	90311	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	232628	20.00	ng		-0.02
76) Chrysene-d12	21.76	240	278850	20.00	ng		-0.02
87) Perylene-d12	25.09	264	301074	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	173195	86.30	ng		-0.01
7) Phenol-d6	7.26	99	241083	77.78	ng		-0.01
23) Nitrobenzene-d5	9.29	82	156682	52.68	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	117324	87.51	ng		-0.02
45) 2-Fluorobiphenyl	13.37	172	343246	54.73	ng		-0.02
79) Terphenyl-d14	20.08	244	699060	53.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	21416	23.516	ng		96
3) Pyridine	3.93	79	48650	18.054	ng		91
4) n-Nitrosodimethylamine	3.85	42	22329	17.854	ng	#	73
6) Aniline	7.43	93	68655	16.595	ng		96
8) 2-Chlorophenol	7.67	128	44188	18.468	ng		94
9) Benzaldehyde	7.25	77	46513	25.157	ng		91
10) Phenol	7.28	94	56670	17.052	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	41121	17.057	ng		94
12) 1,3-Dichlorobenzene	8.00	146	51103	17.883	ng		92
13) 1,4-Dichlorobenzene	8.15	146	52346	18.097	ng		94
14) 1,2-Dichlorobenzene	8.47	146	48611	17.308	ng		94
15) Benzyl Alcohol	8.35	79	47447	16.549	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.63	45	66194	16.803	ng		96
17) 2-Methylphenol	8.54	107	39937	16.598	ng		95
18) Hexachloroethane	9.19	117	19478	17.471	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	38572	16.171	ng		94
20) 3+4-Methylphenols	8.87	107	53916	16.176	ng		96
22) Acetophenone	8.94	105	76309	20.603	ng	#	98
24) Nitrobenzene	9.33	77	60497	19.960	ng		99
25) Isophorone	9.84	82	105199	18.586	ng		99
26) 2-Nitrophenol	10.04	139	25233	20.194	ng		95
27) 2,4-Dimethylphenol	10.08	122	41147	19.939	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	54443	17.822	ng		98
29) 2,4-Dichlorophenol	10.57	162	47184	18.005	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	56436	18.931	ng		98
31) Naphthalene	10.98	128	137784	19.436	ng		97
32) Benzoic acid	10.15	122	15644m	16.228	ng		
33) 4-Chloroaniline	11.09	127	57078	17.353	ng		96
34) Hexachlorobutadiene	11.25	225	41849	18.347	ng		97
35) Caprolactam	11.86	113	15714	18.158	ng		96
36) 4-Chloro-3-methylphenol	12.20	107	53184	17.770	ng		97
37) 2-Methylnaphthalene	12.58	142	100162	18.345	ng		97
38) 1-Methylnaphthalene	12.80	142	94908	18.447	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	77202	21.209	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
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	12.91	237	33560	23.621	ng		92
43) 2,4,6-Trichlorophenol	13.17	196	43345	18.407	ng		100
44) 2,4,5-Trichlorophenol	13.25	196	47614	19.173	ng		99
46) 1,1'-Biphenyl	13.58	154	137254	20.532	ng		97
47) 2-Chloronaphthalene	13.62	162	108235	18.860	ng		98
48) 2-Nitroaniline	13.83	65	39563	19.216	ng		87
49) Acenaphthylene	14.46	152	166828	19.314	ng		98
50) Dimethylphthalate	14.18	163	137768	18.021	ng		98
51) 2,6-Dinitrotoluene	14.32	165	30983	18.797	ng		93
52) Acenaphthene	14.81	154	95886	18.325	ng		94
53) 3-Nitroaniline	14.65	138	31091	18.863	ng		88
54) 2,4-Dinitrophenol	14.86	184	8330	19.797	ng		85
55) Dibenzofuran	15.13	168	173864	19.747	ng		98
56) 4-Nitrophenol	14.95	139	20621	18.240	ng		98
57) 2,4-Dinitrotoluene	15.10	165	43829	18.824	ng		93
58) Fluorene	15.79	166	133646	19.060	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.36	232	50842	20.832	ng	#	96
60) Diethylphthalate	15.53	149	141031	18.077	ng		97
61) 4-Chlorophenyl-phenylether	15.77	204	82052	18.004	ng		95
62) 4-Nitroaniline	15.81	138	34086	19.534	ng		95
63) Azobenzene	16.06	77	132956	18.750	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	21853	22.983	ng		91
66) n-Nitrosodiphenylamine	15.99	169	121164	18.528	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	54075	17.225	ng		92
68) Hexachlorobenzene	16.78	284	57864	17.309	ng		96
69) Atrazine	16.92	200	51229	20.303	ng		96
70) Pentachlorophenol	17.13	266	26100	18.055	ng		97
71) Phenanthrene	17.53	178	240438	19.843	ng		99
72) Anthracene	17.62	178	240529	20.127	ng		98
73) Carbazole	17.89	167	219626	21.418	ng		98
74) Di-n-butylphthalate	18.42	149	247301	19.404	ng		99
75) Fluoranthene	19.53	202	330958	22.113	ng		98
77) Benzidine	19.71	184	150396	22.609	ng		97
78) Pyrene	19.89	202	344450	19.002	ng		98
80) Butylbenzylphthalate	20.76	149	128992	18.286	ng		99
81) Benzo(a)anthracene	21.74	228	357726	19.272	ng		96
82) 3,3'-Dichlorobenzidine	21.66	252	137358	21.039	ng		96
83) Chrysene	21.81	228	351029	19.762	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	180698	18.196	ng		99
85) Di-n-octyl phthalate	22.86	149	317230	19.181	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	413029	18.982	ng	#	99
88) Benzo(b)fluoranthene	24.02	252	365619	20.022	ng		99
89) Benzo(k)fluoranthene	24.09	252	354827	19.636	ng		100
90) Benzo(a)pyrene	24.93	252	350848	20.138	ng	#	93
91) Dibenzo(a,h)anthracene	28.98	278	344814	19.807	ng		97
92) Benzo(g,h,i)perylene	30.12	276	342021	20.222	ng		98

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

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