Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040715.D
Acq On : 2 May 2019 20:16
Operator : JU/SJ
Sample : K2204-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-04-043019MS

Manual Integrations APPROVED
Sohil
5/3/2019 4:29:20 PM

Quant Time: May 03 07:53:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41004	20.00	ng		-0.01
21) Naphthalene-d8	10.97	136	167417	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	130484	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	364403	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	366420	20.00	ng		-0.02
87) Perylene-d12	25.16	264	378824	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	372990	160.35	ng		0.00
7) Phenol-d6	7.28	99	536517	149.80	ng		-0.01
23) Nitrobenzene-d5	9.32	82	404935	111.76	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	334043	186.25	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	862430	95.45	ng		-0.02
79) Terphenyl-d14	20.12	244	1792626	108.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	47428	44.833	ng	#	42
3) Pyridine	3.96	79	165027	53.820	ng		99
4) n-Nitrosodimethylamine	3.88	42	83133	48.880	ng		95
6) Aniline	7.47	93	60189	12.679	ng		97
8) 2-Chlorophenol	7.71	128	143639	50.572	ng		94
9) Benzaldehyde	7.28	77	36350	12.543	ng		90
10) Phenol	7.31	94	188030	48.839	ng		93
11) bis(2-Chloroethyl)ether	7.57	93	139001	48.146	ng		95
12) 1,3-Dichlorobenzene	8.04	146	143392	46.254	ng		99
13) 1,4-Dichlorobenzene	8.18	146	146702	46.680	ng		97
14) 1,2-Dichlorobenzene	8.50	146	141563	46.708	ng		97
15) Benzyl Alcohol	8.38	79	175232	47.021	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	241791	42.066	ng		98
17) 2-Methylphenol	8.58	107	143798	52.778	ng		96
18) Hexachloroethane	9.23	117	55593	43.123	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	141272	43.818	ng		97
20) 3+4-Methylphenols	8.91	107	198884	52.399	ng		99
22) Acetophenone	8.98	105	252740	54.289	ng	#	93
24) Nitrobenzene	9.37	77	217485	56.258	ng		97
25) Isophorone	9.88	82	400339	49.603	ng		98
26) 2-Nitrophenol	10.08	139	85057	61.381	ng		97
27) 2,4-Dimethylphenol	10.12	122	162507	62.503	ng		99
28) bis(2-Chloroethoxy)methane	10.37	93	202255	49.948	ng		99
29) 2,4-Dichlorophenol	10.61	162	177790	60.148	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	174438	53.217	ng		100
31) Naphthalene	11.02	128	460411	51.764	ng		98
32) Benzoic acid	10.25	122	110177	61.900	ng		94
33) 4-Chloroaniline	11.13	127	12720	3.226	ng		94
34) Hexachlorobutadiene	11.29	225	124319	51.373	ng		97
35) Caprolactam	11.91	113	57685m	49.430	ng		
36) 4-Chloro-3-methylphenol	12.23	107	229414	61.524	ng		96
37) 2-Methylnaphthalene	12.62	142	356377	53.590	ng		99
38) 1-Methylnaphthalene	12.84	142	345213	53.109	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	239824	49.338	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	279644	97.495	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	176401	60.052	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	193676	60.525	ng		96
46) 1,1'-Biphenyl	13.61	154	488476	48.217	ng		97
47) 2-Chloronaphthalene	13.66	162	403562	50.901	ng		99
48) 2-Nitroaniline	13.86	65	169306	59.991	ng		98
49) Acenaphthylene	14.50	152	662408	49.245	ng		100
50) Dimethylphthalate	14.23	163	596458	54.634	ng		100
51) 2,6-Dinitrotoluene	14.35	165	132382	62.130	ng		98
52) Acenaphthene	14.84	154	400966	51.186	ng		97
53) 3-Nitroaniline	14.69	138	21590	9.889	ng	#	87
54) 2,4-Dinitrophenol	14.89	184	165591	132.728	ng	#	83
55) Dibenzofuran	15.17	168	671564	52.340	ng		99
56) 4-Nitrophenol	14.97	139	211221	111.577	ng		96
57) 2,4-Dinitrotoluene	15.13	165	193070	66.684	ng		98
58) Fluorene	15.82	166	553959	53.416	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	208612	64.771	ng		98
60) Diethylphthalate	15.58	149	627993	54.519	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	335802	55.674	ng		98
62) 4-Nitroaniline	15.84	138	96632	39.569	ng		97
63) Azobenzene	16.10	77	595540	50.203	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	110384	59.484	ng		93
66) n-Nitrosodiphenylamine	16.02	169	432961	40.384	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	227503	50.111	ng		96
68) Hexachlorobenzene	16.81	284	238386	50.782	ng		95
69) Atrazine	16.96	200	89060	20.967	ng		97
70) Pentachlorophenol	17.15	266	326874	118.994	ng		98
71) Phenanthrene	17.57	178	1006403	51.275	ng		97
72) Anthracene	17.65	178	1014358	51.414	ng		99
73) Carbazole	17.92	167	752408	41.859	ng		99
74) Di-n-butylphthalate	18.46	149	1090184	50.250	ng		99
75) Fluoranthene	19.56	202	1292872	52.858	ng		99
78) Pyrene	19.93	202	1295299	56.402	ng		98
80) Butylbenzylphthalate	20.79	149	507321	56.678	ng		98
81) Benzo(a)anthracene	21.78	228	1247557	53.872	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	22191	2.688	ng		98
83) Chrysene	21.85	228	1214836	55.160	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	691490	53.518	ng		97
85) Di-n-octyl phthalate	22.92	149	1182026	54.321	ng		98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1432179	53.785	ng	#	89
88) Benzo(b)fluoranthene	24.09	252	1283795	55.457	ng		98
89) Benzo(k)fluoranthene	24.16	252	1254373m	58.021	ng		
90) Benzo(a)pyrene	25.00	252	1233741	56.302	ng		99
91) Dibenzo(a,h)anthracene	29.10	278	1178732	53.156	ng		97
92) Benzo(g,h,i)perylene	30.25	276	1141836	51.738	ng		98

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

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