Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
Data File : BG040646.D
Acq On : 27 Apr 2019 2:55
Operator : JU/SJ
Sample : K2203-18MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMS

Manual Integrations APPROVED
Sohil
4/30/2019 7:02:30 PM

Quant Time: Apr 27 04:55:18 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	8.16	152	47600	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	188250	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	137338	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	374521	20.00	ng		0.00
76) Chrysene-d12	21.82	240	369887	20.00	ng		0.00
87) Perylene-d12	25.20	264	406613	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	373113	138.17	ng		0.00
7) Phenol-d6	7.29	99	514140	123.66	ng		0.00
23) Nitrobenzene-d5	9.33	82	442029	108.50	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	327075	173.26	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	886840	93.26	ng		0.00
79) Terphenyl-d14	20.13	244	1791076	107.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	49282	40.130	ng	#	2
3) Pyridine	3.97	79	106064	29.797	ng		96
4) n-Nitrosodimethylamine	3.88	42	86178	43.649	ng	#	98
6) Aniline	7.48	93	92208	16.732	ng		97
8) 2-Chlorophenol	7.71	128	149078	45.214	ng		92
9) Benzaldehyde	7.29	77	19069	3.294	ng	#	83
10) Phenol	7.32	94	177783	39.779	ng		94
11) bis(2-Chloroethyl)ether	7.57	93	147809	44.103	ng		95
12) 1,3-Dichlorobenzene	8.04	146	154324	42.882	ng		99
13) 1,4-Dichlorobenzene	8.19	146	157949	43.295	ng		96
14) 1,2-Dichlorobenzene	8.51	146	151360	43.020	ng		97
15) Benzyl Alcohol	8.39	79	194337	44.922	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	287187	43.040	ng		98
17) 2-Methylphenol	8.58	107	144117	45.565	ng		97
18) Hexachloroethane	9.25	117	62605	41.833	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	155445	41.533	ng		98
20) 3+4-Methylphenols	8.92	107	194048	44.040	ng		97
22) Acetophenone	8.99	105	264180	50.467	ng	#	96
24) Nitrobenzene	9.38	77	228032	52.459	ng		96
25) Isophorone	9.90	82	437578	48.217	ng		99
26) 2-Nitrophenol	10.09	139	85045	54.580	ng		90
27) 2,4-Dimethylphenol	10.13	122	170944	58.472	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	215750	47.385	ng		99
29) 2,4-Dichlorophenol	10.61	162	178672	53.757	ng		90
30) 1,2,4-Trichlorobenzene	10.84	180	179873	48.802	ng		99
31) Naphthalene	11.03	128	497480	49.742	ng		99
32) Benzoic acid	10.25	122	99234	49.582	ng		88
33) 4-Chloroaniline	11.14	127	14201	3.203	ng	#	93
34) Hexachlorobutadiene	11.30	225	131370	48.279	ng		96
35) Caprolactam	11.92	113	47706m	36.355	ng		
36) 4-Chloro-3-methylphenol	12.24	107	217539	51.883	ng		99
37) 2-Methylnaphthalene	12.62	142	372085	49.760	ng		97
38) 1-Methylnaphthalene	12.84	142	356689	48.802	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	246809	48.241	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	296125	98.088	ng		95
43) 2,4,6-Trichlorophenol	13.22	196	168903	54.630	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	184080	54.655	ng		97
46) 1,1'-Biphenyl	13.62	154	507811	47.624	ng		97
47) 2-Chloronaphthalene	13.67	162	400371	47.979	ng		97
48) 2-Nitroaniline	13.87	65	176039	59.264	ng		97
49) Acenaphthylene	14.52	152	668062	47.186	ng		99
50) Dimethylphthalate	14.23	163	573563	49.915	ng		99
51) 2,6-Dinitrotoluene	14.36	165	126107	56.231	ng		97
52) Acenaphthene	14.85	154	399788	48.488	ng		95
53) 3-Nitroaniline	14.69	138	42393	18.449	ng	#	94
54) 2,4-Dinitrophenol	14.90	184	146381	112.598	ng	#	83
55) Dibenzofuran	15.19	168	664187	49.181	ng		98
56) 4-Nitrophenol	14.98	139	190065	95.391	ng		95
57) 2,4-Dinitrotoluene	15.14	165	183365	60.171	ng		99
58) Fluorene	15.83	166	543307	49.774	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	195271	57.603	ng		99
60) Diethylphthalate	15.59	149	621588	51.270	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	320262	50.447	ng		97
62) 4-Nitroaniline	15.86	138	128539	50.007	ng		96
63) Azobenzene	16.11	77	623223	49.915	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	102909	54.617	ng		94
66) n-Nitrosodiphenylamine	16.03	169	514025	46.650	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	218117	46.746	ng		97
68) Hexachlorobenzene	16.82	284	232049	48.096	ng		99
69) Atrazine	16.97	200	191076	43.768	ng		97
70) Pentachlorophenol	17.17	266	296685	105.087	ng		97
71) Phenanthrene	17.58	178	985588	48.858	ng		99
72) Anthracene	17.66	178	997284	49.183	ng		99
73) Carbazole	17.93	167	901832	48.817	ng		100
74) Di-n-butylphthalate	18.47	149	1086506	48.727	ng		98
75) Fluoranthene	19.57	202	1263514	50.262	ng		100
77) Benzidine	19.76	184	65634	6.481	ng		98
78) Pyrene	19.94	202	1245467	53.724	ng		98
80) Butylbenzylphthalate	20.81	149	507429	56.159	ng		98
81) Benzo(a)anthracene	21.80	228	1224132	52.365	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	223127	26.779	ng		98
83) Chrysene	21.87	228	1187335	53.406	ng		98
84) Bis(2-ethylhexyl)phthalate	21.68	149	696656	53.412	ng		98
85) Di-n-octyl phthalate	22.95	149	1199438	54.604	ng		99
86) Indeno(1,2,3-cd)pyrene	29.08	276	1480839	55.091	ng		92
88) Benzo(b)fluoranthene	24.12	252	1282665	51.621	ng		99
89) Benzo(k)fluoranthene	24.19	252	1224325	52.761	ng		98
90) Benzo(a)pyrene	25.04	252	1233918	52.462	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	1217712	51.161	ng		98
92) Benzo(g,h,i)perylene	30.31	276	1235824	52.170	ng		99

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

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