Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039997.D
Acq On : 19 Mar 2019 9:04
Operator : JU/SJ
Sample : K1687-08MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-05-031519-AMSD

Manual Integrations APPROVED
Sohil
3/20/2019 6:52:24 PM

Quant Time: Mar 19 11:34:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43207	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	172275	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	110523	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	269277	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	279401	20.00	ng	-0.02
87) Perylene-d12	25.17	264	284634	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	330709	130.58	ng	-0.02
7) Phenol-d6	7.30	99	433532	114.80	ng	-0.02
23) Nitrobenzene-d5	9.32	82	311296	97.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	193886	150.51	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	722481	93.07	ng	-0.02
79) Terphenyl-d14	20.11	244	1163111	91.66	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	39945	34.163	ng	# 18
3) Pyridine	4.00	79	102172	32.640	ng	98
4) n-Nitrosodimethylamine	3.91	42	63719	42.909	ng	# 95
6) Aniline	7.47	93	35009	7.076	ng	96
8) 2-Chlorophenol	7.71	128	129649	42.196	ng	97
9) Benzaldehyde	7.29	77	50852	20.876	ng	99
10) Phenol	7.33	94	150332	36.747	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	134203	42.075	ng	100
12) 1,3-Dichlorobenzene	8.03	146	149123	42.913	ng	95
13) 1,4-Dichlorobenzene	8.18	146	149892	42.347	ng	99
14) 1,2-Dichlorobenzene	8.50	146	142912	41.788	ng	98
15) Benzyl Alcohol	8.38	79	126734	42.307	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	268320	42.061	ng	99
17) 2-Methylphenol	8.58	107	112354	43.072	ng	99
18) Hexachloroethane	9.22	117	53612	42.212	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	107335	39.489	ng	96
20) 3+4-Methylphenols	8.91	107	151333	41.760	ng	97
22) Acetophenone	8.98	105	201431	43.564	ng	# 98
24) Nitrobenzene	9.37	77	163966	49.068	ng	98
25) Isophorone	9.88	82	301875	45.230	ng	99
26) 2-Nitrophenol	10.08	139	77749	48.189	ng	94
27) 2,4-Dimethylphenol	10.12	122	135170	53.868	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	182866	45.086	ng	97
29) 2,4-Dichlorophenol	10.61	162	143024	50.625	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	150140	47.228	ng	97
31) Naphthalene	11.02	128	420973	46.153	ng	100
32) Benzoic acid	10.24	122	37262	25.253	ng	99
33) 4-Chloroaniline	11.13	127	7118	1.840	ng	# 90
34) Hexachlorobutadiene	11.27	225	101949	46.929	ng	96
35) Caprolactam	11.92	113	35215m	32.631	ng	
36) 4-Chloro-3-methylphenol	12.23	107	153149	47.289	ng	98
37) 2-Methylnaphthalene	12.61	142	312177	45.778	ng	97
38) 1-Methylnaphthalene	12.83	142	297030	44.821	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	176955	47.261	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	211150	105.230	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	116555	53.171	ng		100
44) 2,4,5-Trichlorophenol	13.28	196	125125	50.640	ng		97
46) 1,1'-Biphenyl	13.61	154	415986	45.761	ng		100
47) 2-Chloronaphthalene	13.66	162	322413	47.146	ng		98
48) 2-Nitroaniline	13.86	65	112745	51.301	ng		96
49) Acenaphthylene	14.50	152	517048	46.057	ng		100
50) Dimethylphthalate	14.22	163	424046	45.883	ng		99
51) 2,6-Dinitrotoluene	14.35	165	95058	48.518	ng		96
52) Acenaphthene	14.83	154	312361	46.229	ng		99
53) 3-Nitroaniline	14.69	138	10420	5.291	ng	#	97
54) 2,4-Dinitrophenol	14.89	184	25644	24.648	ng		96
55) Dibenzofuran	15.17	168	514151	46.379	ng		98
56) 4-Nitrophenol	14.99	139	136866	77.686	ng		94
57) 2,4-Dinitrotoluene	15.13	165	137479	49.939	ng		91
58) Fluorene	15.82	166	402704	46.208	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	121551	50.371	ng		99
60) Diethylphthalate	15.57	149	433270	47.358	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	217207	46.706	ng		99
62) 4-Nitroaniline	15.85	138	93354	43.724	ng		98
63) Azobenzene	16.09	77	398987	48.111	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	36380	22.850	ng		95
66) n-Nitrosodiphenylamine	16.02	169	372896	47.834	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	141710	47.015	ng		96
68) Hexachlorobenzene	16.81	284	145295	46.504	ng		98
69) Atrazine	16.96	200	148708	48.470	ng		96
70) Pentachlorophenol	17.16	266	121097	61.372	ng		97
71) Phenanthrene	17.56	178	682765	46.033	ng		99
72) Anthracene	17.65	178	692407	47.905	ng		100
73) Carbazole	17.92	167	623572	47.856	ng		98
74) Di-n-butylphthalate	18.45	149	747377	48.750	ng		100
75) Fluoranthene	19.56	202	827318	47.197	ng		99
77) Benzidine	19.74	184	63992	7.218	ng		96
78) Pyrene	19.92	202	846412	46.620	ng		100
80) Butylbenzylphthalate	20.78	149	356118	50.628	ng		98
81) Benzo(a)anthracene	21.78	228	805862	46.021	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	66125	10.343	ng		94
83) Chrysene	21.85	228	776889	45.763	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	494813	50.060	ng		100
85) Di-n-octyl phthalate	22.89	149	838151	51.212	ng		97
86) Indeno(1,2,3-cd)pyrene	29.03	276	896002	46.524	ng	#	93
88) Benzo(b)fluoranthene	24.09	252	799206	47.086	ng		99
89) Benzo(k)fluoranthene	24.16	252	786590	49.785	ng		99
90) Benzo(a)pyrene	25.01	252	789557	50.341	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	719649	46.803	ng		98
92) Benzo(g,h,i)perylene	30.26	276	727138	47.086	ng		95

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

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