Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022296.D
Acq On : 10 Jun 2016 20:23
Operator : UM/SJ
Sample : H3438-14MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-08-COMPMS

Manual Integrations APPROVED
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6/13/2016 7:06:54 PM

Quant Time: Jun 10 23:53:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	31956	20.00	ng		-0.02
21) Naphthalene-d8	10.92	136	159950	20.00	ng		-0.01
38) Acenaphthene-d10	14.74	164	94010	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	207824	20.00	ng		0.00
75) Chrysene-d12	21.76	240	178702	20.00	ng		0.00
86) Perylene-d12	25.05	264	164084	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	193048	116.80	ng		0.00
7) Phenol-d6	7.27	99	292090	112.40	ng		0.00
23) Nitrobenzene-d5	9.28	82	154666	67.41	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	87323	82.20	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	339561	55.04	ng		0.00
78) Terphenyl-d14	20.08	244	418570	55.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	19865	25.07	ng	#	70
3) Pyridine	3.91	79	55194	25.77	ng		91
4) n-Nitrosodimethylamine	3.82	42	18074	37.74	ng		89
6) Aniline	7.43	93	80162	24.28	ng	#	85
8) 2-Chlorophenol	7.67	128	81704	35.77	ng	#	81
9) Benzaldehyde	7.24	77	3531	2.47	ng		91
10) Phenol	7.30	94	107226	40.02	ng		83
11) bis(2-Chloroethyl)ether	7.52	93	71041	33.26	ng	#	76
12) 1,3-Dichlorobenzene	7.99	146	73944	30.20	ng	#	91
13) 1,4-Dichlorobenzene	8.14	146	76057	31.17	ng		93
14) 1,2-Dichlorobenzene	8.46	146	76379	31.06	ng		93
15) Benzyl Alcohol	8.35	79	60760	36.19	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.64	45	81655	36.84	ng		83
17) 2-Methylphenol	8.55	107	73046	36.54	ng	#	87
18) Hexachloroethane	9.19	117	27901	31.32	ng	#	76
19) n-Nitroso-di-n-propylamine	8.91	70	59398	33.77	ng	#	73
20) 3+4-Methylphenols	8.88	107	97927	34.15	ng		97
22) Acetophenone	8.93	105	112456	32.63	ng	#	85
24) Nitrobenzene	9.32	77	83254	36.09	ng	#	86
25) Isophorone	9.84	82	170352	31.74	ng		95
26) 2-Nitrophenol	10.03	139	42607	34.06	ng	#	78
27) 2,4-Dimethylphenol	10.09	122	78123	34.50	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	103594	33.69	ng		94
29) 2,4-Dichlorophenol	10.58	162	74032	35.29	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	72536	30.95	ng		93
31) Naphthalene	10.98	128	252409	31.61	ng	#	95
32) Benzoic acid	10.21	122	10755	21.57	ng	#	79
33) 4-Chloroaniline	11.09	127	55243	16.64	ng	#	93
34) Hexachlorobutadiene	11.25	225	36974	29.38	ng		97
35) Caprolactam	11.86	113	30315m	26.34	ng		
36) 4-Chloro-3-methylphenol	12.21	107	85426	34.36	ng		91
37) 2-Methylnaphthalene	12.57	142	179757	30.50	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	75347	31.14	ng	#	97
40) Hexachlorocyclopentadiene	12.91	237	57412	48.68	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	57153	35.21	ng		96
43) 2,4,5-Trichlorophenol	13.26	196	61168	34.10	ng		95
45) 1,1'-Biphenyl	13.57	154	230626	32.60	ng		94
46) 2-Chloronaphthalene	13.62	162	178138	32.85	ng		97
47) 2-Nitroaniline	13.83	65	47810	36.97	ng	#	68
48) Acenaphthylene	14.47	152	305901	32.15	ng		98
49) Dimethylphthalate	14.18	163	286169	36.71	ng		99
50) 2,6-Dinitrotoluene	14.31	165	54373	32.09	ng	#	85
51) Acenaphthene	14.80	154	182205	31.96	ng		96
52) 3-Nitroaniline	14.65	138	45647	24.29	ng	#	89
53) 2,4-Dinitrophenol	14.86	184	27849	45.67	ng	#	79
54) Dibenzofuran	15.13	168	279847	31.45	ng		99
55) 4-Nitrophenol	14.97	139	84043	64.79	ng	#	77
56) 2,4-Dinitrotoluene	15.11	165	74968	32.98	ng	#	86
57) Fluorene	15.78	166	237484	30.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	49942	31.05	ng		91
59) Diethylphthalate	15.54	149	258449	31.04	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	106407	30.66	ng		95
61) 4-Nitroaniline	15.82	138	56850	28.52	ng		82
62) Azobenzene	16.06	77	220533	34.97	ng		90
64) 4,6-Dinitro-2-methylphenol	15.87	198	31886	32.28	ng		87
65) n-Nitrosodiphenylamine	15.99	169	204388	34.14	ng		99
66) 4-Bromophenyl-phenylether	16.66	248	61675	31.67	ng		95
67) Hexachlorobenzene	16.79	284	67791	29.87	ng		94
68) Atrazine	16.93	200	69884	31.53	ng		98
69) Pentachlorophenol	17.14	266	60466	60.56	ng		98
70) Phenanthrene	17.53	178	362304	32.10	ng		99
71) Anthracene	17.62	178	360339	32.19	ng		98
72) Carbazole	17.89	167	337228	31.81	ng		98
73) Di-n-butylphthalate	18.42	149	453412	32.71	ng		99
74) Fluoranthene	19.53	202	395304	30.46	ng		97
76) Benzidine	19.71	184	96764	20.71	ng		99
77) Pyrene	19.89	202	392610	35.34	ng		98
79) Butylbenzylphthalate	20.76	149	195157	37.88	ng		93
80) Benzo(a)anthracene	21.74	228	335221	33.45	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	69883	24.84	ng	#	97
82) Chrysene	21.80	228	321812	33.00	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	279364	36.87	ng		95
84) Di-n-octyl phthalate	22.84	149	474388	37.71	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.82	276	340426	31.12	ng		98
87) Benzo(b)fluoranthene	24.00	252	321657	33.61	ng	#	97
88) Benzo(k)fluoranthene	24.07	252	308097	32.70	ng	#	96
89) Benzo(a)pyrene	24.89	252	304823	33.31	ng	#	94
90) Dibenzo(a,h)anthracene	28.87	278	279096	32.39	ng	#	94
91) Benzo(g,h,i)perylene	30.00	276	282821	31.54	ng	#	92

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

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