Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072616\
Data File : BG023273.D
Acq On : 26 Jul 2016 17:14
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations
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7/27/2016 7:13:24 PM

Quant Time: Jul 26 18:25:59 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 26 16:52:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	243288	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	1158474	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	773528	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	1680764	20.00	ng		0.00
75) Chrysene-d12	21.89	240	1256670	20.00	ng		0.00
86) Perylene-d12	25.30	264	1256723	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	1435086	96.47	ng		0.00
7) Phenol-d6	7.29	99	2132366	91.52	ng		0.00
23) Nitrobenzene-d5	9.32	82	2253574	83.30	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	704751	50.69	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	3480889	70.88	ng		0.00
78) Terphenyl-d14	20.18	244	3337114	82.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	306958	53.09	ng	#	91
3) Pyridine	3.94	79	1018291	51.47	ng		90
4) n-Nitrosodimethylamine	3.85	42	439788	51.81	ng	#	83
6) Aniline	7.46	93	1428778	44.25	ng		98
8) 2-Chlorophenol	7.69	128	809585	51.14	ng		98
9) Benzaldehyde	7.26	77	748601	48.09	ng		94
10) Phenol	7.32	94	1168179	48.73	ng		83
11) bis(2-Chloroethyl)ether	7.55	93	1008749	53.09	ng		89
12) 1,3-Dichlorobenzene	8.02	146	876259	45.22	ng		96
13) 1,4-Dichlorobenzene	8.18	146	890886	45.92	ng		98
14) 1,2-Dichlorobenzene	8.49	146	867151	44.96	ng		95
15) Benzyl Alcohol	8.38	79	761836	35.70	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.67	45	1616919	69.67	ng		88
17) 2-Methylphenol	8.58	107	807327	51.74	ng	#	86
18) Hexachloroethane	9.23	117	374256	45.70	ng	#	88
19) n-Nitroso-di-n-propylamine	8.95	70	984959	46.90	ng		98
20) 3+4-Methylphenols	8.92	107	1118549	51.40	ng		93
22) Acetophenone	8.97	105	1497254	43.06	ng	#	96
24) Nitrobenzene	9.36	77	1340088	46.61	ng	#	89
25) Isophorone	9.88	82	2367808	43.51	ng	#	92
26) 2-Nitrophenol	10.07	139	542408	48.08	ng	#	78
27) 2,4-Dimethylphenol	10.13	122	895505	45.92	ng		84
28) bis(2-Chloroethoxy)methane	10.37	93	1366649	45.03	ng		97
29) 2,4-Dichlorophenol	10.62	162	863694	41.53	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	896120	37.60	ng		96
31) Naphthalene	11.02	128	2516795	42.68	ng		95
32) Benzoic acid	10.30	122	769726	43.39	ng	#	85
33) 4-Chloroaniline	11.14	127	1247797	43.27	ng		96
34) Hexachlorobutadiene	11.31	225	548020	28.37	ng		96
35) Caprolactam	11.93	113	379271	44.33	ng	#	87
36) 4-Chloro-3-methylphenol	12.26	107	1112624	39.12	ng	#	88
37) 2-Methylnaphthalene	12.63	142	1874246	40.21	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	1174158	35.22	ng		98
40) Hexachlorocyclopentadiene	12.98	237	596304	31.07	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	744191	38.84	ng		96
43) 2,4,5-Trichlorophenol	13.32	196	770818	39.18	ng	#	91
45) 1,1'-Biphenyl	13.64	154	2481440	42.75	ng		84
46) 2-Chloronaphthalene	13.69	162	2057077	43.69	ng	#	92
47) 2-Nitroaniline	13.89	65	953270	47.45	ng		91
48) Acenaphthylene	14.53	152	3047605	43.15	ng	#	88
49) Dimethylphthalate	14.26	163	2587890	40.96	ng	#	93
50) 2,6-Dinitrotoluene	14.39	165	673780	47.45	ng		88
51) Acenaphthene	14.88	154	2045041	44.31	ng		95
52) 3-Nitroaniline	14.72	138	711625	50.26	ng	#	82
53) 2,4-Dinitrophenol	14.93	184	409033	41.98	ng	#	87
54) Dibenzofuran	15.21	168	2744803	39.73	ng	#	96
55) 4-Nitrophenol	15.03	139	623101	52.50	ng	#	77
56) 2,4-Dinitrotoluene	15.17	165	947198	45.75	ng		99
57) Fluorene	15.87	166	2401049	40.38	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	648683m	32.95	ng		
59) Diethylphthalate	15.62	149	2633351	40.96	ng	#	90
60) 4-Chlorophenyl-phenylether	15.85	204	1326546	36.63	ng		99
61) 4-Nitroaniline	15.89	138	736858	48.09	ng	#	62
62) Azobenzene	16.14	77	2786587	45.31	ng		94
64) 4,6-Dinitro-2-methylphenol	15.94	198	589797	47.21	ng		85
65) n-Nitrosodiphenylamine	16.07	169	2196228	45.35	ng	#	88
66) 4-Bromophenyl-phenylether	16.75	248	825011	37.73	ng		98
67) Hexachlorobenzene	16.88	284	787613	33.13	ng	#	90
68) Atrazine	17.02	200	860788	40.07	ng		96
69) Pentachlorophenol	17.22	266	538593	34.98	ng		98
70) Phenanthrene	17.62	178	3392638	41.19	ng	#	81
71) Anthracene	17.71	178	3459626	41.48	ng	#	81
72) Carbazole	17.98	167	3149371	43.70	ng	#	85
73) Di-n-butylphthalate	18.52	149	3491333	43.56	ng	#	88
74) Fluoranthene	19.63	202	3411029	33.74	ng		78
76) Benzidine	19.81	184	1972363	54.75	ng	#	93
77) Pyrene	19.99	202	3354513	47.50	ng	#	82
79) Butylbenzylphthalate	20.87	149	1652124	59.07	ng		96
80) Benzo(a)anthracene	21.88	228	3115655	44.31	ng		94
81) 3,3'-Dichlorobenzidine	21.79	252	1342771	43.51	ng	#	93
82) Chrysene	21.95	228	2956777	44.83	ng		90
83) Bis(2-ethylhexyl)phthalate	21.75	149	2278604	58.67	ng	#	93
84) Di-n-octyl phthalate	23.03	149	3699198	57.11	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.22	276	3871156	46.04	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	3269662	45.10	ng	#	92
88) Benzo(k)fluoranthene	24.29	252	3252905	47.28	ng	#	91
89) Benzo(a)pyrene	25.14	252	3225148	46.40	ng	#	92
90) Dibenzo(a,h)anthracene	29.27	278	3103585	44.99	ng	#	87
91) Benzo(g,h,i)perylene	30.43	276	3180457	46.04	ng	#	82

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

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