Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
Data File : BG023843.D
Acq On : 22 Aug 2016 21:15
Operator : UM/SJ
Sample : H4500-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Manual Integrations APPROVED
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8/23/2016 6:22:36 PM

Quant Time: Aug 23 01:13:04 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	133901	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	534826	20.00	ng		-0.03
38) Acenaphthene-d10	14.76	164	342039	20.00	ng		-0.02
63) Phenanthrene-d10	17.53	188	791092	20.00	ng		-0.01
75) Chrysene-d12	21.85	240	873392	20.00	ng		-0.01
86) Perylene-d12	25.23	264	870757	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	348606	43.82	ng		-0.03
7) Phenol-d6	7.25	99	526858	42.52	ng		-0.03
23) Nitrobenzene-d5	9.27	82	793381	73.75	ng		-0.03
41) 2,4,6-Tribromophenol	16.27	330	242776	48.53	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	1526287	75.26	ng		-0.02
78) Terphenyl-d14	20.14	244	2287281	81.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	85703	25.29	ng	#	91
3) Pyridine	3.91	79	265937	23.88	ng		93
4) n-Nitrosodimethylamine	3.82	42	138087	33.44	ng	#	89
6) Aniline	7.41	93	413543	23.10	ng		96
8) 2-Chlorophenol	7.66	128	140327	15.36	ng		96
9) Benzaldehyde	7.23	77	107112	12.18	ng		95
10) Phenol	7.28	94	196509	14.83	ng		88
11) bis(2-Chloroethyl)ether	7.50	93	317703	30.05	ng		91
12) 1,3-Dichlorobenzene	7.98	146	303860	29.04	ng		93
13) 1,4-Dichlorobenzene	8.13	146	318497	29.74	ng		92
14) 1,2-Dichlorobenzene	8.45	146	305825	29.11	ng	#	91
15) Benzyl Alcohol	8.34	79	351607	37.45	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	446925	28.74	ng		90
17) 2-Methylphenol	8.55	107	166108	18.69	ng	#	90
18) Hexachloroethane	9.18	117	121761	30.20	ng		98
19) n-Nitroso-di-n-propylamine	8.90	70	315134	29.57	ng		98
20) 3+4-Methylphenols	8.88	107	214085	17.09	ng		93
22) Acetophenone	8.92	105	446619	30.50	ng	#	95
24) Nitrobenzene	9.32	77	443391	37.22	ng	#	91
25) Isophorone	9.83	82	786939	35.12	ng	#	96
26) 2-Nitrophenol	10.03	139	81556	16.22	ng	#	85
27) 2,4-Dimethylphenol	10.09	122	230904	26.97	ng		88
28) bis(2-Chloroethoxy)methane	10.32	93	467561	34.71	ng		99
29) 2,4-Dichlorophenol	10.58	162	161182	18.72	ng		95
30) 1,2,4-Trichlorobenzene	10.79	180	327666	35.29	ng		99
31) Naphthalene	10.98	128	918698	33.73	ng		98
32) Benzoic acid	10.24	122	6102m	7.11	ng		
33) 4-Chloroaniline	11.09	127	271898	20.88	ng		94
34) Hexachlorobutadiene	11.26	225	223265	36.57	ng		97
35) Caprolactam	11.87	113	91840	25.36	ng		93
36) 4-Chloro-3-methylphenol	12.23	107	217997	19.28	ng		91
37) 2-Methylnaphthalene	12.58	142	699700m	33.79	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	350635	28.27	ng		99
40) Hexachlorocyclopentadiene	12.92	237	232156	37.12	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	131204	17.76	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	137304	18.05	ng	#	92
45) 1,1'-Biphenyl	13.59	154	846721	32.38	ng		99
46) 2-Chloronaphthalene	13.64	162	734848	36.33	ng		97
47) 2-Nitroaniline	13.85	65	309684	36.87	ng		95
48) Acenaphthylene	14.49	152	1142337	35.73	ng		100
49) Dimethylphthalate	14.22	163	1230922	46.91	ng		98
50) 2,6-Dinitrotoluene	14.35	165	224400	36.11	ng		88
51) Acenaphthene	14.83	154	726080	35.85	ng		98
52) 3-Nitroaniline	14.68	138	153258	21.87	ng	#	78
53) 2,4-Dinitrophenol	14.91	184	23689	5.95	ng	#	85
54) Dibenzofuran	15.17	168	1157587	39.36	ng		95
55) 4-Nitrophenol	15.00	139	137223	24.93	ng	#	88
56) 2,4-Dinitrotoluene	15.14	165	321407	36.85	ng	#	95
57) Fluorene	15.82	166	942189	36.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	131450	18.83	ng		93
59) Diethylphthalate	15.57	149	1022189	38.37	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	479464	35.30	ng		97
61) 4-Nitroaniline	15.85	138	238671	31.99	ng	#	69
62) Azobenzene	16.10	77	1127021	41.74	ng		92
64) 4,6-Dinitro-2-methylphenol	15.91	198	45727	8.50	ng		98
65) n-Nitrosodiphenylamine	16.03	169	865813	37.31	ng		95
66) 4-Bromophenyl-phenylether	16.71	248	335315	36.37	ng		97
67) Hexachlorobenzene	16.83	284	359195	35.61	ng		97
68) Atrazine	16.98	200	352159	39.52	ng		97
69) Pentachlorophenol	17.19	266	139405	23.70	ng		98
70) Phenanthrene	17.57	178	1529967	38.11	ng		98
71) Anthracene	17.67	178	1574122	38.99	ng		99
72) Carbazole	17.94	167	1463241	41.27	ng		99
73) Di-n-butylphthalate	18.48	149	1720368	48.44	ng		98
74) Fluoranthene	19.59	202	1857112	50.19	ng		95
76) Benzidine	19.77	184	2190372	90.22	ng	#	93
77) Pyrene	19.95	202	1855912	35.70	ng		99
79) Butylbenzylphthalate	20.83	149	850030	40.42	ng		93
80) Benzo(a)anthracene	21.82	228	1824981	37.85	ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	443812	22.44	ng	#	96
82) Chrysene	21.89	228	1719482	37.49	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1163249	40.39	ng		98
84) Di-n-octyl phthalate	22.96	149	1965194	39.98	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	2124956	37.07	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	1905227	38.89	ng	#	98
88) Benzo(k)fluoranthene	24.22	252	1772069	37.66	ng	#	97
89) Benzo(a)pyrene	25.07	252	1823573	39.14	ng	#	96
90) Dibenzo(a,h)anthracene	29.17	278	1802022	37.86	ng	#	93
91) Benzo(g,h,i)perylene	30.32	276	1756900	36.66	ng	#	93

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

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