Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022928.D
Acq On : 8 Jul 2016 12:44
Operator : UM/SJ
Sample : H3876-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2-B-LOCATION-2-15-20FTMSD

Manual Integrations
APPROVED
sohil
7/8/2016 7:24:01 PM

Quant Time: Jul 08 17:57:10 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	106466	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	482227	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	378255	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	939487	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1043982	20.00	ng		0.00
86) Perylene-d12	25.20	264	1073229	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	717612	110.24	ng		0.00
7) Phenol-d6	7.31	99	1100879	107.98	ng		0.00
23) Nitrobenzene-d5	9.33	82	738835	65.60	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	603133	88.72	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1456861	60.67	ng		0.00
78) Terphenyl-d14	20.15	244	2263050	61.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	70925	28.03	ng	#	91
3) Pyridine	3.97	79	172136	19.88	ng		92
4) n-Nitrosodimethylamine	3.88	42	84108	22.64	ng	#	87
6) Aniline	7.47	93	147345	10.43	ng		96
8) 2-Chlorophenol	7.72	128	184916	26.69	ng		97
9) Benzaldehyde	7.28	77	155917	22.89	ng		91
10) Phenol	7.33	94	309054	29.46	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	200775	24.15	ng		96
12) 1,3-Dichlorobenzene	8.04	146	184738	21.79	ng		93
13) 1,4-Dichlorobenzene	8.19	146	197946	23.32	ng		97
14) 1,2-Dichlorobenzene	8.51	146	194138	23.00	ng		93
15) Benzyl Alcohol	8.39	79	251625	26.95	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	230402	22.69	ng		97
17) 2-Methylphenol	8.60	107	184702	27.05	ng		88
18) Hexachloroethane	9.25	117	79820	22.27	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	198024	21.55	ng		98
20) 3+4-Methylphenols	8.92	107	256988	26.98	ng		87
22) Acetophenone	8.98	105	331017	22.87	ng	#	91
24) Nitrobenzene	9.37	77	295370	24.68	ng		95
25) Isophorone	9.88	82	530957	23.44	ng		98
26) 2-Nitrophenol	10.08	139	114809	24.45	ng		91
27) 2,4-Dimethylphenol	10.14	122	185484	22.85	ng		90
28) bis(2-Chloroethoxy)methane	10.37	93	297506	23.55	ng		97
29) 2,4-Dichlorophenol	10.62	162	225705	26.07	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	227535	22.94	ng		95
31) Naphthalene	11.03	128	575825	23.46	ng		98
32) Benzoic acid	10.21	122	50950	6.90	ng	#	88
33) 4-Chloroaniline	11.14	127	90936	7.58	ng		94
34) Hexachlorobutadiene	11.31	225	177417	22.06	ng		92
35) Caprolactam	11.90	113	78251m	21.97	ng		
36) 4-Chloro-3-methylphenol	12.25	107	287559	24.29	ng		96
37) 2-Methylnaphthalene	12.63	142	459930	23.71	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	306908	18.83	ng		99
40) Hexachlorocyclopentadiene	12.97	237	495411	52.79	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	222279	23.72	ng		96
43) 2,4,5-Trichlorophenol	13.31	196	235644	24.49	ng		92
45) 1,1'-Biphenyl	13.63	154	654568	23.06	ng		98
46) 2-Chloronaphthalene	13.68	162	536754	23.31	ng		95
47) 2-Nitroaniline	13.88	65	230088	23.42	ng		99
48) Acenaphthylene	14.52	152	813552	23.56	ng		98
49) Dimethylphthalate	14.24	163	977261	31.63	ng		99
50) 2,6-Dinitrotoluene	14.37	165	167958	24.19	ng	#	81
51) Acenaphthene	14.86	154	529133	23.45	ng		94
52) 3-Nitroaniline	14.70	138	92399	13.34	ng		97
53) 2,4-Dinitrophenol	14.90	184	134259	28.18	ng		92
54) Dibenzofuran	15.19	168	878346	26.00	ng		99
55) 4-Nitrophenol	15.01	139	345739	59.57	ng		97
56) 2,4-Dinitrotoluene	15.15	165	241571	23.86	ng	#	93
57) Fluorene	15.85	166	708076	24.35	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	236142	24.53	ng		97
59) Diethylphthalate	15.60	149	776504	24.70	ng		99
60) 4-Chlorophenyl-phenylether	15.83	204	396438	22.39	ng		98
61) 4-Nitroaniline	15.86	138	151176	20.18	ng		91
62) Azobenzene	16.13	77	806384	26.82	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	130206	18.65	ng		95
65) n-Nitrosodiphenylamine	16.05	169	662009	24.46	ng		100
66) 4-Bromophenyl-phenylether	16.73	248	278703	22.80	ng		97
67) Hexachlorobenzene	16.85	284	293935	22.12	ng		97
68) Atrazine	16.99	200	294541	24.53	ng		98
69) Pentachlorophenol	17.20	266	474632	55.15	ng		99
70) Phenanthrene	17.60	178	1178965	25.61	ng		97
71) Anthracene	17.69	178	1175149	25.21	ng		98
72) Carbazole	17.96	167	1028539	25.53	ng		96
73) Di-n-butylphthalate	18.50	149	1246461	27.82	ng		97
74) Fluoranthene	19.60	202	1416865	25.08	ng		96
76) Benzidine	19.78	184	677863	22.65	ng		99
77) Pyrene	19.97	202	1432953	24.43	ng		94
79) Butylbenzylphthalate	20.83	149	575683	24.77	ng		97
80) Benzo(a)anthracene	21.83	228	1473745	25.23	ng		96
81) 3,3'-Dichlorobenzidine	21.73	252	295101	11.51	ng		99
82) Chrysene	21.89	228	1393760	25.44	ng		98
83) Bis(2-ethylhexyl)phthalate	21.71	149	813682	25.22	ng		98
84) Di-n-octyl phthalate	22.96	149	1348826	25.07	ng		97
85) Indeno(1,2,3-cd)pyrene	29.03	276	1678854	24.03	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	1521754	24.58	ng		98
88) Benzo(k)fluoranthene	24.20	252	1455375	24.77	ng	#	98
89) Benzo(a)pyrene	25.04	252	1493377	25.16	ng		98
90) Dibenzo(a,h)anthracene	29.10	278	1409907	23.93	ng	#	95
91) Benzo(g,h,i)perylene	30.24	276	1401264	23.75	ng	#	96

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

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