Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024748.D
Acq On : 8 Nov 2016 3:28
Operator : UM/SJ
Sample : H5543-12MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-113-16.5-17.0MSD

Manual Integrations APPROVED
sohil
11/8/2016 4:29:38 PM

Quant Time: Nov 08 06:24:28 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	95948	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	367938	20.00	ng		-0.02
38) Acenaphthene-d10	14.88	164	297517	20.00	ng		-0.02
63) Phenanthrene-d10	17.62	188	732081	20.00	ng		0.00
75) Chrysene-d12	21.91	240	1006517	20.00	ng		-0.02
86) Perylene-d12	25.35	264	1067389	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	548692	93.73	ng		0.00
7) Phenol-d6	7.40	99	791934	98.62	ng		0.00
23) Nitrobenzene-d5	9.44	82	537807	66.55	ng		-0.02
41) 2,4,6-Tribromophenol	16.36	330	486533	109.46	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	1070473	59.80	ng		-0.02
78) Terphenyl-d14	20.20	244	2034646	60.40	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	62435	26.11	ng	#	94
3) Pyridine	4.06	79	205203	28.66	ng		92
4) n-Nitrosodimethylamine	3.98	42	114697	30.94	ng		86
6) Aniline	7.58	93	189118	18.59	ng		96
8) 2-Chlorophenol	7.82	128	199851	33.58	ng		98
9) Benzaldehyde	7.39	77	32688	6.59	ng		87
10) Phenol	7.43	94	307095	37.10	ng		92
11) bis(2-Chloroethyl)ether	7.67	93	207810	33.42	ng		90
12) 1,3-Dichlorobenzene	8.15	146	236383	32.08	ng		96
13) 1,4-Dichlorobenzene	8.30	146	232570	31.96	ng		96
14) 1,2-Dichlorobenzene	8.62	146	221545	31.66	ng		96
15) Benzyl Alcohol	8.50	79	252726	33.83	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.78	45	339786	29.45	ng		97
17) 2-Methylphenol	8.69	107	198034	36.10	ng		89
18) Hexachloroethane	9.35	117	86601	30.95	ng		92
19) n-Nitroso-di-n-propylamine	9.06	70	196523	33.21	ng		94
20) 3+4-Methylphenols	9.02	107	267028	36.26	ng		97
22) Acetophenone	9.09	105	333024	35.24	ng	#	94
24) Nitrobenzene	9.48	77	305450	33.98	ng		96
25) Isophorone	9.99	82	530674	35.30	ng		100
26) 2-Nitrophenol	10.19	139	118255	35.44	ng		96
27) 2,4-Dimethylphenol	10.23	122	207455	35.51	ng		99
28) bis(2-Chloroethoxy)methane	10.48	93	285548	36.71	ng		95
29) 2,4-Dichlorophenol	10.72	162	239841	39.12	ng		95
30) 1,2,4-Trichlorobenzene	10.95	180	250862	34.49	ng		96
31) Naphthalene	11.14	128	634033	34.55	ng		99
32) Benzoic acid	10.29	122	12791	2.63	ng	#	72
33) 4-Chloroaniline	11.25	127	138707	17.41	ng	#	87
34) Hexachlorobutadiene	11.40	225	197329	34.66	ng		96
35) Caprolactam	12.00	113	84291m	37.55	ng		
36) 4-Chloro-3-methylphenol	12.34	107	274532	37.09	ng		97
37) 2-Methylnaphthalene	12.73	142	456834	34.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	333549	33.24	ng		96
40) Hexachlorocyclopentadiene	13.05	237	433355	76.69	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	220280	36.52	ng		98
43) 2,4,5-Trichlorophenol	13.39	196	237278	36.39	ng		94
45) 1,1'-Biphenyl	13.71	154	659221	31.93	ng		95
46) 2-Chloronaphthalene	13.77	162	531024	33.78	ng		97
47) 2-Nitroaniline	13.97	65	219400	34.08	ng		95
48) Acenaphthylene	14.61	152	814474	33.78	ng		98
49) Dimethylphthalate	14.32	163	1117750	52.92	ng		99
50) 2,6-Dinitrotoluene	14.45	165	164901	36.57	ng		88
51) Acenaphthene	14.95	154	541218	30.11	ng		99
52) 3-Nitroaniline	14.78	138	108672	23.29	ng	#	98
53) 2,4-Dinitrophenol	14.99	184	82559	25.27	ng		97
54) Dibenzofuran	15.28	168	885560	35.64	ng		98
55) 4-Nitrophenol	15.08	139	288463	70.96	ng		92
56) 2,4-Dinitrotoluene	15.23	165	254187	38.79	ng	#	86
57) Fluorene	15.92	166	715620	34.73	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.49	232	254035	37.57	ng	#	93
59) Diethylphthalate	15.67	149	780702	35.26	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	402386	34.80	ng		94
61) 4-Nitroaniline	15.94	138	170086	33.37	ng		98
62) Azobenzene	16.20	77	768064	34.78	ng		95
64) 4,6-Dinitro-2-methylphenol	15.99	198	151146	29.97	ng		94
65) n-Nitrosodiphenylamine	16.12	169	676033	33.78	ng		96
66) 4-Bromophenyl-phenylether	16.80	248	295160	33.21	ng		95
67) Hexachlorobenzene	16.91	284	325795	33.18	ng		90
68) Atrazine	17.06	200	316015	36.81	ng		98
69) Pentachlorophenol	17.26	266	446515	68.91	ng		99
70) Phenanthrene	17.66	178	1259171	33.74	ng		95
71) Anthracene	17.76	178	1276775	33.91	ng		98
72) Carbazole	18.02	167	1167908	34.02	ng		97
73) Di-n-butylphthalate	18.55	149	1351294	34.14	ng		96
74) Fluoranthene	19.66	202	1664687	35.29	ng		96
76) Benzidine	19.84	184	705077	29.73	ng		95
77) Pyrene	20.02	202	1700968	34.57	ng		99
79) Butylbenzylphthalate	20.88	149	674096	32.86	ng		100
80) Benzo(a)anthracene	21.90	228	1853492	33.52	ng		98
81) 3,3'-Dichlorobenzidine	21.80	252	409031	18.34	ng		97
82) Chrysene	21.97	228	1733676	32.92	ng		99
83) Bis(2-ethylhexyl)phthalate	21.75	149	950400	32.39	ng	#	98
84) Di-n-octyl phthalate	23.03	149	1637043	33.62	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.28	276	2346330	32.28	ng	#	99
87) Benzo(b)fluoranthene	24.25	252	1938048	33.59	ng		99
88) Benzo(k)fluoranthene	24.32	252	1814599	32.57	ng		98
89) Benzo(a)pyrene	25.18	252	1870328	33.18	ng	#	97
90) Dibenzo(a,h)anthracene	29.35	278	1954264	31.58	ng	#	97
91) Benzo(g,h,i)perylene	30.52	276	1936594	31.33	ng		97

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

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