Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024658.D
Acq On : 3 Nov 2016 22:23
Operator : UM/SJ
Sample : H5491-05MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-78-14.0-15.0MSD

Manual Integrations APPROVED
Sohil
11/4/2016 10:04:16 AM

Quant Time: Nov 04 02:29:05 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	100948	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	405416	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	326625	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	728814	20.00	ng		0.00
75) Chrysene-d12	21.92	240	923766	20.00	ng		0.00
86) Perylene-d12	25.35	264	950958	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	944106	153.28	ng		0.00
7) Phenol-d6	7.41	99	1374944	162.74	ng		0.00
23) Nitrobenzene-d5	9.44	82	964027	108.26	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	762447	156.25	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1891306	96.24	ng		0.00
78) Terphenyl-d14	20.21	244	3070013	99.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	98291	39.06	ng		91
3) Pyridine	4.07	79	305225	40.51	ng		94
4) n-Nitrosodimethylamine	3.98	42	198818	50.98	ng	#	78
6) Aniline	7.59	93	226255	21.14	ng		95
8) 2-Chlorophenol	7.83	128	341959	54.61	ng		97
9) Benzaldehyde	7.40	77	68205	13.06	ng		97
10) Phenol	7.43	94	518483	59.53	ng		95
11) bis(2-Chloroethyl)ether	7.67	93	338846	51.79	ng		93
12) 1,3-Dichlorobenzene	8.16	146	373344	48.16	ng		96
13) 1,4-Dichlorobenzene	8.30	146	381025	49.76	ng		100
14) 1,2-Dichlorobenzene	8.63	146	361933	49.16	ng		98
15) Benzyl Alcohol	8.50	79	413756	52.64	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.80	45	611318	50.36	ng		96
17) 2-Methylphenol	8.70	107	315289	54.63	ng		98
18) Hexachloroethane	9.36	117	143310	48.69	ng		88
19) n-Nitroso-di-n-propylamine	9.07	70	336238	54.00	ng		94
20) 3+4-Methylphenols	9.02	107	450919	58.20	ng		97
22) Acetophenone	9.10	105	562550	54.02	ng	#	93
24) Nitrobenzene	9.49	77	515527	52.04	ng		98
25) Isophorone	10.00	82	897322	54.18	ng		97
26) 2-Nitrophenol	10.20	139	202070	54.96	ng		94
27) 2,4-Dimethylphenol	10.24	122	336798	52.32	ng		100
28) bis(2-Chloroethoxy)methane	10.48	93	497546	58.06	ng		97
29) 2,4-Dichlorophenol	10.73	162	390473	57.80	ng		94
30) 1,2,4-Trichlorobenzene	10.95	180	420990	52.53	ng		98
31) Naphthalene	11.15	128	1048002	51.82	ng		99
32) Benzoic acid	10.32	122	30948	5.77	ng	#	83
33) 4-Chloroaniline	11.25	127	91442	10.41	ng	#	93
34) Hexachlorobutadiene	11.41	225	311009	49.58	ng		96
35) Caprolactam	12.02	113	137357m	55.53	ng		
36) 4-Chloro-3-methylphenol	12.34	107	461619	56.60	ng		97
37) 2-Methylnaphthalene	12.73	142	778913	52.79	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	531216	48.22	ng		97
40) Hexachlorocyclopentadiene	13.06	237	642928	103.63	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	357879	54.04	ng		98
43) 2,4,5-Trichlorophenol	13.40	196	379014	52.94	ng		97
45) 1,1'-Biphenyl	13.72	154	1074584	47.41	ng		98
46) 2-Chloronaphthalene	13.77	162	877874	50.86	ng		99
47) 2-Nitroaniline	13.97	65	374114	52.94	ng		98
48) Acenaphthylene	14.61	152	1298158	49.05	ng		98
49) Dimethylphthalate	14.33	163	1656047	71.42	ng		98
50) 2,6-Dinitrotoluene	14.46	165	273980	55.35	ng		93
51) Acenaphthene	14.95	154	851065	43.13	ng		97
52) 3-Nitroaniline	14.79	138	107021	20.89	ng		95
53) 2,4-Dinitrophenol	14.99	184	169284	47.19	ng		92
54) Dibenzofuran	15.28	168	1396128	51.18	ng		98
55) 4-Nitrophenol	15.08	139	453901	101.71	ng	#	87
56) 2,4-Dinitrotoluene	15.24	165	404524	56.24	ng	#	93
57) Fluorene	15.93	166	1123330	49.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	397085	53.50	ng	#	94
59) Diethylphthalate	15.68	149	1206580	49.63	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	642011	50.58	ng		99
61) 4-Nitroaniline	15.95	138	263681	47.12	ng		98
62) Azobenzene	16.20	77	1270792	52.41	ng		98
64) 4,6-Dinitro-2-methylphenol	16.00	198	236179	47.04	ng		92
65) n-Nitrosodiphenylamine	16.13	169	1054379	52.92	ng		100
66) 4-Bromophenyl-phenylether	16.80	248	454066	51.32	ng		94
67) Hexachlorobenzene	16.93	284	495791	50.71	ng	#	90
68) Atrazine	17.06	200	469300	54.91	ng		98
69) Pentachlorophenol	17.27	266	633898	98.26	ng		98
70) Phenanthrene	17.67	178	1862059	50.13	ng		98
71) Anthracene	17.76	178	1890967	50.45	ng		98
72) Carbazole	18.03	167	1695658	49.61	ng		98
73) Di-n-butylphthalate	18.55	149	1953222	49.56	ng		98
74) Fluoranthene	19.67	202	2307070	49.13	ng		97
76) Benzidine	19.84	184	858403	39.44	ng		98
77) Pyrene	20.02	202	2311905	51.20	ng		98
79) Butylbenzylphthalate	20.88	149	996998	52.96	ng		97
80) Benzo(a)anthracene	21.90	228	2545019	50.15	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	495214	24.19	ng	#	97
82) Chrysene	21.97	228	2394689	49.55	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1421863	52.80	ng		99
84) Di-n-octyl phthalate	23.04	149	2342995	52.42	ng		95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3238155	48.54	ng	#	95
87) Benzo(b)fluoranthene	24.25	252	2595498	50.49	ng		99
88) Benzo(k)fluoranthene	24.33	252	2575563m	51.88	ng		
89) Benzo(a)pyrene	25.19	252	2567687	51.12	ng		98
90) Dibenzo(a,h)anthracene	29.37	278	2685889	48.72	ng		98
91) Benzo(g,h,i)perylene	30.54	276	2661773	48.33	ng		95

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

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