Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
Data File : BG023102.D
Acq On : 14 Jul 2016 15:31
Operator : UM/SJ
Sample : H3995-27MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MS

Manual Integrations
APPROVED
Sohil
7/15/2016 9:14:17 AM

Quant Time: Jul 14 18:46:43 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	126637	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	619296	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	494360	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1110141	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1209301	20.00	ng		0.01
86) Perylene-d12	25.23	264	1240413	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	580029	74.91	ng		0.00
7) Phenol-d6	7.31	99	712607	58.76	ng		0.00
23) Nitrobenzene-d5	9.33	82	1235372	85.42	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	918917	103.43	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2446498	77.95	ng		0.00
78) Terphenyl-d14	20.16	244	3007214	75.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	46003	15.29	ng	#	86
3) Pyridine	3.97	79	223562	21.71	ng		93
4) n-Nitrosodimethylamine	3.88	42	118845	26.90	ng	#	95
6) Aniline	7.47	93	335523	19.96	ng		99
8) 2-Chlorophenol	7.72	128	246802	29.95	ng		96
9) Benzaldehyde	7.28	77	109960	13.57	ng		90
10) Phenol	7.34	94	406431	32.57	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	257592	26.05	ng		94
12) 1,3-Dichlorobenzene	8.04	146	247644	24.55	ng		97
13) 1,4-Dichlorobenzene	8.19	146	250699	24.83	ng		97
14) 1,2-Dichlorobenzene	8.51	146	246100	24.52	ng		92
15) Benzyl Alcohol	8.39	79	348090	31.34	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	318092	26.33	ng		93
17) 2-Methylphenol	8.60	107	251213	30.93	ng		95
18) Hexachloroethane	9.25	117	108131	25.37	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	278654	25.49	ng	#	96
20) 3+4-Methylphenols	8.93	107	349686	30.87	ng		95
22) Acetophenone	8.98	105	445425	23.97	ng	#	93
24) Nitrobenzene	9.37	77	419825	27.32	ng		97
25) Isophorone	9.89	82	764664	26.29	ng		96
26) 2-Nitrophenol	10.09	139	162278	26.91	ng		95
27) 2,4-Dimethylphenol	10.14	122	288109	27.64	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	416876	25.70	ng		98
29) 2,4-Dichlorophenol	10.63	162	317054	28.52	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	308227	24.19	ng		97
31) Naphthalene	11.03	128	810743	25.72	ng		99
32) Benzoic acid	10.27	122	192270	20.27	ng		95
33) 4-Chloroaniline	11.14	127	191310	12.41	ng		95
34) Hexachlorobutadiene	11.31	225	236069	22.86	ng		96
35) Caprolactam	11.92	113	119738m	26.18	ng		
36) 4-Chloro-3-methylphenol	12.26	107	413534	27.20	ng		99
37) 2-Methylnaphthalene	12.63	142	647023	25.97	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	427634	20.07	ng		99
40) Hexachlorocyclopentadiene	12.97	237	505236	41.20	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	305217	24.93	ng		93
43) 2,4,5-Trichlorophenol	13.31	196	324860	25.84	ng		95
45) 1,1'-Biphenyl	13.63	154	939699	25.33	ng		99
46) 2-Chloronaphthalene	13.68	162	764111	25.40	ng		98
47) 2-Nitroaniline	13.88	65	331889	25.85	ng		99
48) Acenaphthylene	14.53	152	1132832	25.10	ng		100
49) Dimethylphthalate	14.25	163	1078368	26.70	ng		99
50) 2,6-Dinitrotoluene	14.37	165	230530	25.40	ng		93
51) Acenaphthene	14.87	154	979069m	33.19	ng		
52) 3-Nitroaniline	14.71	138	129060	14.26	ng		94
53) 2,4-Dinitrophenol	14.91	184	287531	46.17	ng		97
54) Dibenzofuran	15.20	168	1209495	27.40	ng		100
55) 4-Nitrophenol	15.03	139	372123	49.06	ng		97
56) 2,4-Dinitrotoluene	15.16	165	332837	25.16	ng		96
57) Fluorene	15.85	166	987738	25.99	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.43	232	324891	25.82	ng		98
59) Diethylphthalate	15.61	149	1069821	26.04	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	552174	23.86	ng		99
61) 4-Nitroaniline	15.87	138	221512	22.62	ng	#	85
62) Azobenzene	16.13	77	1192306	30.34	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	208453	25.26	ng		96
65) n-Nitrosodiphenylamine	16.05	169	906649	28.35	ng		94
66) 4-Bromophenyl-phenylether	16.74	248	367815	25.47	ng		95
67) Hexachlorobenzene	16.85	284	390807	24.89	ng		98
68) Atrazine	17.00	200	345952	24.38	ng		95
69) Pentachlorophenol	17.21	266	517332	50.87	ng		97
70) Phenanthrene	17.60	178	1528389	28.09	ng		98
71) Anthracene	17.69	178	1566519	28.44	ng		99
72) Carbazole	17.96	167	1361287	28.60	ng		97
73) Di-n-butylphthalate	18.50	149	1646027	31.09	ng		98
74) Fluoranthene	19.60	202	1783164	26.71	ng		99
76) Benzidine	19.79	184	238112	6.87	ng		99
77) Pyrene	19.96	202	1794717	26.41	ng		97
79) Butylbenzylphthalate	20.84	149	808140	30.02	ng		98
80) Benzo(a)anthracene	21.84	228	1898577	28.06	ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	381310	12.84	ng	#	93
82) Chrysene	21.91	228	1760600	27.74	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1112057	29.75	ng		100
84) Di-n-octyl phthalate	22.98	149	1875336	30.09	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2113731	26.12	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	1986574m	27.76	ng		
88) Benzo(k)fluoranthene	24.23	252	1886753	27.78	ng	#	98
89) Benzo(a)pyrene	25.07	252	1924293	28.05	ng	#	99
90) Dibenzo(a,h)anthracene	29.16	278	1759085	25.84	ng	#	94
91) Benzo(g,h,i)perylene	30.31	276	1701753	24.96	ng	#	97

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

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