Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023057.D
Acq On : 13 Jul 2016 5:28
Operator : UM/SJ
Sample : H3995-28MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations APPROVED
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7/13/2016 6:28:45 PM

Quant Time: Jul 13 07:06:44 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	97587	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	478657	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	351173	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	805195	20.00	ng		0.00
75) Chrysene-d12	21.87	240	877232	20.00	ng		0.02
86) Perylene-d12	25.26	264	890170	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	405262	67.92	ng		0.00
7) Phenol-d6	7.30	99	405733	43.42	ng		0.00
23) Nitrobenzene-d5	9.33	82	1101204	98.51	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	774962	122.79	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2186680	98.08	ng		0.00
78) Terphenyl-d14	20.16	244	2749815	112.57	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.97	79	76692	9.66	ng	#	91
4) n-Nitrosodimethylamine	3.89	42	35508	10.43	ng	#	96
6) Aniline	7.47	93	112496	8.69	ng		89
8) 2-Chlorophenol	7.71	128	73920	11.64	ng		92
9) Benzaldehyde	7.28	77	42628	6.83	ng		90
10) Phenol	7.34	94	131199	13.64	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	79155	10.39	ng		90
12) 1,3-Dichlorobenzene	8.04	146	82169	10.57	ng		93
13) 1,4-Dichlorobenzene	8.19	146	81917	10.53	ng		88
14) 1,2-Dichlorobenzene	8.51	146	84788	10.96	ng		93
15) Benzyl Alcohol	8.39	79	112328	13.12	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	99291	10.67	ng		99
17) 2-Methylphenol	8.59	107	84720	13.53	ng		92
18) Hexachloroethane	9.24	117	36954	11.25	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	89337	10.60	ng		98
20) 3+4-Methylphenols	8.92	107	112249	12.86	ng		91
22) Acetophenone	8.97	105	148315	10.32	ng	#	96
24) Nitrobenzene	9.36	77	138552	11.66	ng		97
25) Isophorone	9.89	82	242243	10.77	ng		97
26) 2-Nitrophenol	10.08	139	53883	11.56	ng	#	81
27) 2,4-Dimethylphenol	10.14	122	94906	11.78	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	137023	10.93	ng		98
29) 2,4-Dichlorophenol	10.63	162	101362	11.80	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	105667	10.73	ng		95
31) Naphthalene	11.03	128	271968	11.16	ng		98
32) Benzoic acid	10.23	122	53316	7.27	ng		91
33) 4-Chloroaniline	11.14	127	90087	7.56	ng	#	92
34) Hexachlorobutadiene	11.31	225	78037	9.78	ng		93
35) Caprolactam	11.91	113	33395	9.45	ng		98
36) 4-Chloro-3-methylphenol	12.26	107	134215	11.42	ng		88
37) 2-Methylnaphthalene	12.63	142	229469	11.92	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	146572	9.69	ng		99
40) Hexachlorocyclopentadiene	12.97	237	143192	16.44	ng		99
42) 2,4,6-Trichlorophenol	13.23	196	97826	11.25	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	104776	11.73	ng	#	93
45) 1,1'-Biphenyl	13.63	154	317020	12.03	ng		99
46) 2-Chloronaphthalene	13.67	162	259155	12.12	ng		96
47) 2-Nitroaniline	13.88	65	105449	11.56	ng		96
48) Acenaphthylene	14.52	152	394806	12.31	ng		96
49) Dimethylphthalate	14.24	163	358342	12.49	ng		100
50) 2,6-Dinitrotoluene	14.37	165	72549	11.25	ng		95
51) Acenaphthene	14.86	154	248358	11.85	ng		94
52) 3-Nitroaniline	14.70	138	55602	8.65	ng		89
53) 2,4-Dinitrophenol	14.91	184	68949	15.59	ng		89
54) Dibenzofuran	15.20	168	414002	13.20	ng		96
55) 4-Nitrophenol	15.02	139	115436	21.42	ng		92
56) 2,4-Dinitrotoluene	15.16	165	105589	11.23	ng	#	93
57) Fluorene	15.85	166	329231	12.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	103698m	11.60	ng		
59) Diethylphthalate	15.60	149	350782	12.02	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	183531	11.16	ng		94
61) 4-Nitroaniline	15.87	138	69408	9.98	ng	#	88
62) Azobenzene	16.13	77	391267	14.01	ng		91
64) 4,6-Dinitro-2-methylphenol	15.93	198	57377	9.59	ng		89
65) n-Nitrosodiphenylamine	16.05	169	292638	12.61	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	115190	11.00	ng		96
67) Hexachlorobenzene	16.86	284	130487	11.46	ng		93
68) Atrazine	17.01	200	113766	11.06	ng		92
69) Pentachlorophenol	17.21	266	156303	21.19	ng		95
70) Phenanthrene	17.60	178	521948	13.23	ng		96
71) Anthracene	17.69	178	531195	13.29	ng		98
72) Carbazole	17.96	167	447338	12.96	ng		94
73) Di-n-butylphthalate	18.50	149	556628	14.50	ng	#	96
74) Fluoranthene	19.61	202	606684	12.53	ng		95
77) Pyrene	19.97	202	620742	12.59	ng		91
79) Butylbenzylphthalate	20.84	149	266966	13.67	ng		92
80) Benzo(a)anthracene	21.85	228	645893m	13.16	ng		
81) 3,3'-Dichlorobenzidine	21.76	252	59397	2.76	ng	#	89
82) Chrysene	21.92	228	596272	12.95	ng		96
83) Bis(2-ethylhexyl)phthalate	21.73	149	376670	13.89	ng	#	97
84) Di-n-octyl phthalate	22.99	149	614380	13.59	ng		100
85) Indeno(1,2,3-cd)pyrene	29.12	276	653243	11.13	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	625112	12.17	ng	#	99
88) Benzo(k)fluoranthene	24.24	252	607500	12.46	ng	#	97
89) Benzo(a)pyrene	25.09	252	608098	12.35	ng		97
90) Dibenzo(a,h)anthracene	29.19	278	545629	11.17	ng	#	94
91) Benzo(g,h,i)perylene	30.34	276	536998	10.97	ng	#	94

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

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