Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
Data File : BG022886.D
Acq On : 6 Jul 2016 21:26
Operator : UM/SJ
Sample : H3862-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MS

Manual Integrations APPROVED
SOHIL
7/7/2016 4:18:42 AM

Quant Time: Jul 07 02:59:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	109996	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	503016	20.00	ng		-0.01
38) Acenaphthene-d10	14.79	164	402534	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	958998	20.00	ng		0.00
75) Chrysene-d12	21.84	240	1075802	20.00	ng		0.00
86) Perylene-d12	25.21	264	1119281	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	851824	124.21	ng		0.00
7) Phenol-d6	7.31	99	1249902	129.30	ng		0.00
23) Nitrobenzene-d5	9.33	82	953566	80.23	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	874305	138.09	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2071197	81.60	ng		0.00
78) Terphenyl-d14	20.15	244	3101086	76.37	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.99	79	261475	33.63	ng		93
4) n-Nitrosodimethylamine	3.90	42	149336	33.58	ng		99
6) Aniline	7.48	93	362151	28.26	ng		99
8) 2-Chlorophenol	7.72	128	314189	44.23	ng		97
9) Benzaldehyde	7.29	77	262339	77.12	ng		91
10) Phenol	7.34	94	451104	44.16	ng		89
11) bis(2-Chloroethyl)ether	7.57	93	330604	39.31	ng		94
12) 1,3-Dichlorobenzene	8.04	146	312664	36.17	ng		96
13) 1,4-Dichlorobenzene	8.19	146	311502	35.94	ng		97
14) 1,2-Dichlorobenzene	8.51	146	311268	37.77	ng		94
15) Benzyl Alcohol	8.40	79	454682	50.84	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	367059	39.46	ng		96
17) 2-Methylphenol	8.60	107	311579	46.27	ng		92
18) Hexachloroethane	9.25	117	133021	37.08	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	357790	44.44	ng		96
20) 3+4-Methylphenols	8.92	107	443875	47.85	ng		93
22) Acetophenone	8.98	105	582447	40.05	ng	#	92
24) Nitrobenzene	9.37	77	512000	38.98	ng		92
25) Isophorone	9.89	82	938245	40.67	ng		96
26) 2-Nitrophenol	10.09	139	207796	43.92	ng		89
27) 2,4-Dimethylphenol	10.14	122	372349	41.19	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	520184	41.29	ng		97
29) 2,4-Dichlorophenol	10.63	162	412995	46.89	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	405303	38.76	ng		95
31) Naphthalene	11.03	128	1135144	44.89	ng		98
32) Benzoic acid	10.27	122	258915	44.26	ng		94
33) 4-Chloroaniline	11.14	127	82554	7.58	ng		96
34) Hexachlorobutadiene	11.31	225	310023	38.14	ng		96
35) Caprolactam	11.92	113	131153m	47.27	ng		
36) 4-Chloro-3-methylphenol	12.26	107	537665	49.73	ng		94
37) 2-Methylnaphthalene	12.63	142	877382	44.75	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	605303	39.83	ng		99
40) Hexachlorocyclopentadiene	12.97	237	715174	58.95	ng		98
42) 2,4,6-Trichlorophenol	13.23	196	432002	44.33	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	468987	45.99	ng		94
45) 1,1'-Biphenyl	13.63	154	1225623	39.97	ng		97
46) 2-Chloronaphthalene	13.68	162	1031758	40.89	ng		96
47) 2-Nitroaniline	13.88	65	418971	43.02	ng		89
48) Acenaphthylene	14.52	152	1538636	42.04	ng		98
49) Dimethylphthalate	14.24	163	1416345	42.41	ng	#	96
50) 2,6-Dinitrotoluene	14.37	165	326029	44.93	ng	#	81
51) Acenaphthene	14.86	154	1051289	38.99	ng		96
52) 3-Nitroaniline	14.70	138	190213	28.02	ng		87
53) 2,4-Dinitrophenol	14.91	184	389425	87.13	ng		92
54) Dibenzofuran	15.19	168	1671444	42.80	ng		99
55) 4-Nitrophenol	15.01	139	467143	81.37	ng		98
56) 2,4-Dinitrotoluene	15.16	165	477619	47.52	ng	#	89
57) Fluorene	15.85	166	1362349	43.72	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	495898	46.91	ng	#	95
59) Diethylphthalate	15.61	149	1439466	41.93	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	833851	44.95	ng		95
61) 4-Nitroaniline	15.87	138	300350	42.87	ng	#	77
62) Azobenzene	16.13	77	1504252	40.46	ng		90
64) 4,6-Dinitro-2-methylphenol	15.92	198	290270	45.13	ng		94
65) n-Nitrosodiphenylamine	16.05	169	1252608	44.88	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	579574	46.59	ng		97
67) Hexachlorobenzene	16.85	284	620981	47.20	ng		94
68) Atrazine	16.99	200	312712	26.54	ng		94
69) Pentachlorophenol	17.20	266	751093	82.97	ng		99
70) Phenanthrene	17.59	178	2120748	43.36	ng		96
71) Anthracene	17.68	178	2159757	42.91	ng		97
72) Carbazole	17.96	167	1832106	42.94	ng		99
73) Di-n-butylphthalate	18.50	149	2114385	42.55	ng		98
74) Fluoranthene	19.59	202	2434475	43.21	ng		97
76) Benzidine	19.79	184	128688m	11.24	ng		
77) Pyrene	19.96	202	2453616	42.82	ng		97
79) Butylbenzylphthalate	20.83	149	1082663	43.65	ng		93
80) Benzo(a)anthracene	21.83	228	2663451	44.74	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	324338	13.19	ng	#	97
82) Chrysene	21.90	228	2518557	45.02	ng		94
83) Bis(2-ethylhexyl)phthalate	21.71	149	1478943	42.35	ng		97
84) Di-n-octyl phthalate	22.97	149	2453286	42.61	ng		98
85) Indeno(1,2,3-cd)pyrene	29.08	276	3313943	45.08	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2947987	43.80	ng		96
88) Benzo(k)fluoranthene	24.21	252	2782181	43.73	ng	#	99
89) Benzo(a)pyrene	25.06	252	2870276	43.75	ng		96
90) Dibenzo(a,h)anthracene	29.14	278	2719847	44.03	ng	#	93
91) Benzo(g,h,i)perylene	30.28	276	2631687	41.86	ng	#	97

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

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