Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022674.D
Acq On : 28 Jun 2016 13:46
Operator : UM/SJ
Sample : H3731-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HSR-WC-55-062216MSD

Quant Time: Jun 29 13:16:48 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	8.16	152	121594	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	522274	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	376844	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1026348	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1187822	20.00	ng		0.00
86) Perylene-d12	25.21	264	1189414	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	997772	131.62	ng		0.00
7) Phenol-d6	7.31	99	1395937	130.64	ng		0.00
23) Nitrobenzene-d5	9.33	82	1076210	87.21	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	913980	154.20	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2098965	88.33	ng		0.00
78) Terphenyl-d14	20.16	244	3319271	74.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	105821	34.44	ng	#	83
3) Pyridine	4.00	79	151681	17.65	ng	#	89
4) n-Nitrosodimethylamine	3.90	42	88411	17.98	ng	#	92
6) Aniline	7.48	93	152097	10.74	ng		88
8) 2-Chlorophenol	7.72	128	177965	22.66	ng		94
9) Benzaldehyde	7.29	77	135589	36.06	ng		91
10) Phenol	7.33	94	247555	21.92	ng		88
11) bis(2-Chloroethyl)ether	7.57	93	193338	20.80	ng		99
12) 1,3-Dichlorobenzene	8.05	146	183973	19.25	ng		91
13) 1,4-Dichlorobenzene	8.20	146	181529	18.95	ng		94
14) 1,2-Dichlorobenzene	8.52	146	181231	19.89	ng		93
15) Benzyl Alcohol	8.40	79	240311	24.31	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	210715	20.49	ng		92
17) 2-Methylphenol	8.60	107	170686	22.93	ng		95
18) Hexachloroethane	9.25	117	73740	18.60	ng		91
19) n-Nitroso-di-n-propylamine	8.96	70	192224	21.60	ng	#	92
20) 3+4-Methylphenols	8.93	107	242125	23.61	ng		95
22) Acetophenone	8.98	105	319988	21.19	ng	#	93
24) Nitrobenzene	9.38	77	289207	21.21	ng		94
25) Isophorone	9.89	82	504507	21.06	ng		98
26) 2-Nitrophenol	10.09	139	110038	22.40	ng		89
27) 2,4-Dimethylphenol	10.14	122	196262	20.91	ng		88
28) bis(2-Chloroethoxy)methane	10.38	93	281373	21.51	ng		100
29) 2,4-Dichlorophenol	10.62	162	211615	23.14	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	218384	20.11	ng		97
31) Naphthalene	11.03	128	611251	23.28	ng		98
32) Benzoic acid	10.23	122	122569	22.96	ng		99
33) 4-Chloroaniline	11.14	127	25514	2.26	ng		95
34) Hexachlorobutadiene	11.32	225	166446	19.72	ng		95
35) Caprolactam	11.90	113	65744m	22.82	ng		
36) 4-Chloro-3-methylphenol	12.25	107	276184	24.60	ng		97
37) 2-Methylnaphthalene	12.63	142	434201	21.33	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	288280	20.26	ng		99
40) Hexachlorocyclopentadiene	12.97	237	546172	48.09	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	213794	23.43	ng		95
43) 2,4,5-Trichlorophenol	13.30	196	236291	24.75	ng		90
45) 1,1'-Biphenyl	13.63	154	613946	21.39	ng		99
46) 2-Chloronaphthalene	13.68	162	502307	21.26	ng		98
47) 2-Nitroaniline	13.87	65	220434	24.18	ng		96
48) Acenaphthylene	14.52	152	760332	22.19	ng		99
49) Dimethylphthalate	14.24	163	739396	23.65	ng		98
50) 2,6-Dinitrotoluene	14.37	165	167592	24.67	ng	#	81
51) Acenaphthene	14.86	154	746681m	29.58	ng		
52) 3-Nitroaniline	14.69	138	65906	10.37	ng		96
53) 2,4-Dinitrophenol	14.90	184	325111	77.70	ng		88
54) Dibenzofuran	15.19	168	867878	23.74	ng		95
55) 4-Nitrophenol	14.99	139	380957	70.88	ng		98
56) 2,4-Dinitrotoluene	15.15	165	253897	26.98	ng		96
57) Fluorene	15.85	166	696711	23.88	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.42	232	245657m	24.82	ng		
59) Diethylphthalate	15.61	149	759051	23.62	ng		99
60) 4-Chlorophenyl-phenylether	15.83	204	398228	22.93	ng		97
61) 4-Nitroaniline	15.86	138	153540	23.41	ng	#	81
62) Azobenzene	16.13	77	795866	22.87	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	153253	22.26	ng		99
65) n-Nitrosodiphenylamine	16.05	169	663228	22.21	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	281392	21.13	ng		91
67) Hexachlorobenzene	16.86	284	313278	22.25	ng		92
68) Atrazine	17.00	200	190412	15.10	ng		99
69) Pentachlorophenol	17.20	266	628803	64.90	ng		99
70) Phenanthrene	17.60	178	1231589	23.53	ng		99
71) Anthracene	17.69	178	1244019	23.09	ng		97
72) Carbazole	17.96	167	1077364	23.59	ng		96
73) Di-n-butylphthalate	18.51	149	1331746	25.04	ng		95
74) Fluoranthene	19.60	202	1536528	25.48	ng		96
76) Benzidine	19.79	184	142957m	11.30	ng		
77) Pyrene	19.97	202	1547236	24.46	ng		96
79) Butylbenzylphthalate	20.84	149	614810	22.45	ng		93
80) Benzo(a)anthracene	21.83	228	1628412	24.78	ng		95
81) 3,3'-Dichlorobenzidine	21.74	252	221024	8.14	ng		92
82) Chrysene	21.90	228	1518738	24.59	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	837443	21.72	ng		99
84) Di-n-octyl phthalate	22.98	149	1417903	22.31	ng		96
85) Indeno(1,2,3-cd)pyrene	29.05	276	1731319	21.33	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	1678258	23.47	ng		100
88) Benzo(k)fluoranthene	24.21	252	1647044	24.36	ng		100
89) Benzo(a)pyrene	25.04	252	1584020	22.72	ng		98
90) Dibenzo(a,h)anthracene	29.12	278	1394883	21.25	ng	#	95
91) Benzo(g,h,i)perylene	30.24	276	1367718	20.47	ng	#	97

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

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