Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023869.D
Acq On : 24 Aug 2016 1:07
Operator : UM/SJ
Sample : H4556-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Manual Integrations APPROVED
umangi
8/24/2016 6:13:40 PM

Quant Time: Aug 24 04:55:13 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	112603	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	474249	20.00	ng		-0.03
38) Acenaphthene-d10	14.76	164	307291	20.00	ng		-0.02
63) Phenanthrene-d10	17.52	188	701282	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	741220	20.00	ng		-0.02
86) Perylene-d12	25.22	264	726315	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	950029	142.02	ng		-0.03
7) Phenol-d6	7.25	99	1385009	132.93	ng		-0.03
23) Nitrobenzene-d5	9.27	82	936070	98.13	ng		-0.03
41) 2,4,6-Tribromophenol	16.27	330	545216	121.30	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	1676974	92.05	ng		-0.02
78) Terphenyl-d14	20.13	244	2332870	102.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	105515	37.02	ng		88
3) Pyridine	3.90	79	344738	36.81	ng		94
4) n-Nitrosodimethylamine	3.81	42	186176	53.61	ng	#	91
6) Aniline	7.41	93	346773	23.04	ng		96
8) 2-Chlorophenol	7.66	128	371225	48.30	ng		99
9) Benzaldehyde	7.22	77	116612	16.55	ng		91
10) Phenol	7.28	94	549699	49.32	ng		86
11) bis(2-Chloroethyl)ether	7.50	93	405539	45.61	ng		90
12) 1,3-Dichlorobenzene	7.98	146	394686	44.86	ng		94
13) 1,4-Dichlorobenzene	8.13	146	408892	45.40	ng		95
14) 1,2-Dichlorobenzene	8.45	146	396872	44.92	ng		93
15) Benzyl Alcohol	8.34	79	440772	55.83	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	581074	44.44	ng		89
17) 2-Methylphenol	8.54	107	354193	47.40	ng	#	92
18) Hexachloroethane	9.18	117	161773	47.72	ng		93
19) n-Nitroso-di-n-propylamine	8.90	70	387782	43.27	ng		100
20) 3+4-Methylphenols	8.87	107	489714	46.49	ng		91
22) Acetophenone	8.92	105	568464	43.78	ng	#	93
24) Nitrobenzene	9.31	77	556622	52.69	ng	#	90
25) Isophorone	9.83	82	995865	50.12	ng	#	95
26) 2-Nitrophenol	10.03	139	234756	52.66	ng	#	77
27) 2,4-Dimethylphenol	10.09	122	372271	49.04	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	580180	48.57	ng		99
29) 2,4-Dichlorophenol	10.57	162	410432	53.77	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	411332	49.97	ng		99
31) Naphthalene	10.97	128	1167951	48.36	ng		99
32) Benzoic acid	10.20	122	58825	13.73	ng		94
33) 4-Chloroaniline	11.09	127	133060	11.53	ng		92
34) Hexachlorobutadiene	11.25	225	270333	49.93	ng		98
35) Caprolactam	11.88	113	142380m	44.33	ng		
36) 4-Chloro-3-methylphenol	12.22	107	493398	49.20	ng		92
37) 2-Methylnaphthalene	12.58	142	852960	46.46	ng		90
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	428595	38.46	ng		99
40) Hexachlorocyclopentadiene	12.92	237	389730	69.36	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	326432	49.18	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	336890	49.30	ng		94
45) 1,1'-Biphenyl	13.59	154	1007827	42.90	ng		96
46) 2-Chloronaphthalene	13.64	162	891952	49.08	ng		96
47) 2-Nitroaniline	13.85	65	378616	50.18	ng		93
48) Acenaphthylene	14.49	152	1405132	48.91	ng		98
49) Dimethylphthalate	14.21	163	1559854	66.16	ng		97
50) 2,6-Dinitrotoluene	14.34	165	276260	49.48	ng		86
51) Acenaphthene	14.83	154	896272	49.25	ng		99
52) 3-Nitroaniline	14.68	138	152721	24.26	ng		80
53) 2,4-Dinitrophenol	14.90	184	188820	52.76	ng		90
54) Dibenzofuran	15.16	168	1385560	52.44	ng		96
55) 4-Nitrophenol	15.00	139	422827	85.51	ng	#	83
56) 2,4-Dinitrotoluene	15.14	165	389685	49.73	ng		93
57) Fluorene	15.81	166	1127414	48.90	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	333756	53.22	ng		94
59) Diethylphthalate	15.57	149	1213235	50.69	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	583073	47.79	ng		98
61) 4-Nitroaniline	15.85	138	285884	42.65	ng	#	70
62) Azobenzene	16.10	77	1342921	55.36	ng		93
64) 4,6-Dinitro-2-methylphenol	15.91	198	211023	44.26	ng		89
65) n-Nitrosodiphenylamine	16.02	169	1025223	49.84	ng		95
66) 4-Bromophenyl-phenylether	16.70	248	394783	48.30	ng		98
67) Hexachlorobenzene	16.83	284	424312	47.45	ng		98
68) Atrazine	16.97	200	409304	51.82	ng		97
69) Pentachlorophenol	17.18	266	447482	85.84	ng		97
70) Phenanthrene	17.57	178	1790660	50.32	ng		98
71) Anthracene	17.66	178	1813741	50.68	ng		98
72) Carbazole	17.94	167	1681567	53.50	ng		98
73) Di-n-butylphthalate	18.48	149	1941746	64.21	ng		99
74) Fluoranthene	19.59	202	2069560	65.82	ng		96
76) Benzidine	19.76	184	849732	41.24	ng		98
77) Pyrene	19.94	202	2073200	50.46	ng		99
79) Butylbenzylphthalate	20.82	149	955508	53.53	ng		96
80) Benzo(a)anthracene	21.82	228	2027181	49.54	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	355796	21.20	ng	#	97
82) Chrysene	21.89	228	1884737	48.42	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	1320536	54.03	ng	#	99
84) Di-n-octyl phthalate	22.95	149	2233298	53.54	ng		99
85) Indeno(1,2,3-cd)pyrene	29.08	276	2377089	48.87	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2100096	51.39	ng	#	97
88) Benzo(k)fluoranthene	24.22	252	2000105	50.96	ng	#	98
89) Benzo(a)pyrene	25.06	252	2019660	51.97	ng	#	97
90) Dibenzo(a,h)anthracene	29.15	278	2038712	51.35	ng	#	93
91) Benzo(g,h,i)perylene	30.31	276	1971262	49.31	ng	#	93

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

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