Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
Data File : BG024163.D
Acq On : 30 Sep 2016 17:27
Operator : UM/SJ
Sample : H4998-12MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUP-B046-3-6MS

Manual Integrations APPROVED
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10/3/2016 6:50:14 PM

Quant Time: Sep 30 18:59:52 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41217	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	206034	20.00	ng		-0.01
38) Acenaphthene-d10	14.70	164	176247	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	409752	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	449597	20.00	ng		-0.02
86) Perylene-d12	25.10	264	440493	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	420188	176.62	ng		0.00
7) Phenol-d6	7.20	99	660435	164.98	ng		0.00
23) Nitrobenzene-d5	9.21	82	487446	93.25	ng		-0.01
41) 2,4,6-Tribromophenol	16.21	330	337473	133.21	ng		-0.01
44) 2-Fluorobiphenyl	13.32	172	951714	90.77	ng		-0.01
78) Terphenyl-d14	20.08	244	1619823	73.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	45597	50.07	ng	#	90
3) Pyridine	3.84	79	139234	43.27	ng		95
4) n-Nitrosodimethylamine	3.75	42	81941	50.23	ng	#	94
6) Aniline	7.36	93	166048	29.53	ng		96
8) 2-Chlorophenol	7.60	128	155462	54.59	ng		95
9) Benzaldehyde	7.17	77	108603	49.82	ng		93
10) Phenol	7.23	94	249087	59.19	ng		91
11) bis(2-Chloroethyl)ether	7.44	93	168735	50.84	ng		95
12) 1,3-Dichlorobenzene	7.92	146	156854	49.39	ng		98
13) 1,4-Dichlorobenzene	8.07	146	162399	50.10	ng		96
14) 1,2-Dichlorobenzene	8.39	146	160947	51.02	ng		94
15) Benzyl Alcohol	8.28	79	195865	50.56	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	224343	48.96	ng		93
17) 2-Methylphenol	8.50	107	159792	57.11	ng		97
18) Hexachloroethane	9.11	117	67421	49.37	ng		93
19) n-Nitroso-di-n-propylamine	8.84	70	187500	47.69	ng		99
20) 3+4-Methylphenols	8.83	107	222786	54.82	ng		94
22) Acetophenone	8.87	105	293548	49.39	ng	#	97
24) Nitrobenzene	9.26	77	269316	48.06	ng		95
25) Isophorone	9.78	82	503063	47.18	ng	#	97
26) 2-Nitrophenol	9.98	139	94018	47.30	ng		96
27) 2,4-Dimethylphenol	10.03	122	169943	51.13	ng		91
28) bis(2-Chloroethoxy)methane	10.26	93	261997	50.53	ng		100
29) 2,4-Dichlorophenol	10.53	162	192387	55.62	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	183756	49.63	ng		94
31) Naphthalene	10.91	128	538127	51.56	ng		97
33) 4-Chloroaniline	11.04	127	62012	13.31	ng		94
34) Hexachlorobutadiene	11.19	225	123951	42.53	ng		93
35) Caprolactam	11.87	113	72507m	51.53	ng		
36) 4-Chloro-3-methylphenol	12.17	107	253162	52.01	ng		93
37) 2-Methylnaphthalene	12.53	142	421510	52.74	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	242854	47.20	ng		99
40) Hexachlorocyclopentadiene	12.86	237	218415	86.39	ng		99
42) 2,4,6-Trichlorophenol	13.14	196	167548	50.35	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.23	196	176984	51.69	ng		87
45) 1,1'-Biphenyl	13.53	154	587568	48.75	ng		96
46) 2-Chloronaphthalene	13.58	162	470334	52.27	ng		98
47) 2-Nitroaniline	13.80	65	212373	50.72	ng		94
48) Acenaphthylene	14.43	152	776148	50.81	ng		99
49) Dimethylphthalate	14.16	163	1131575	83.69	ng		98
50) 2,6-Dinitrotoluene	14.29	165	150481	52.98	ng		99
51) Acenaphthene	14.77	154	484910	52.34	ng		97
52) 3-Nitroaniline	14.63	138	81821	28.84	ng	#	92
53) 2,4-Dinitrophenol	14.86	184	88632	49.13	ng		92
54) Dibenzofuran	15.11	168	794068	55.05	ng		99
55) 4-Nitrophenol	14.97	139	210130	92.40	ng		95
56) 2,4-Dinitrotoluene	15.09	165	228115	52.78	ng		88
57) Fluorene	15.76	166	660020	52.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	187144	56.59	ng		91
59) Diethylphthalate	15.52	149	739165	50.76	ng		96
60) 4-Chlorophenyl-phenylether	15.74	204	331776	49.32	ng		97
61) 4-Nitroaniline	15.81	138	142084	48.36	ng	#	84
62) Azobenzene	16.04	77	845595	57.16	ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	129142	45.39	ng		89
65) n-Nitrosodiphenylamine	15.97	169	597085	53.27	ng		93
66) 4-Bromophenyl-phenylether	16.65	248	239443	50.38	ng		95
67) Hexachlorobenzene	16.77	284	240880	44.98	ng		94
68) Atrazine	16.92	200	259490	52.44	ng		95
69) Pentachlorophenol	17.13	266	241913	86.84	ng		98
70) Phenanthrene	17.51	178	1128861	54.09	ng		98
71) Anthracene	17.61	178	1144545	53.39	ng		97
72) Carbazole	17.89	167	1057957	53.01	ng		98
73) Di-n-butylphthalate	18.42	149	1286128	49.23	ng		98
74) Fluoranthene	19.53	202	1381261	50.69	ng		95
76) Benzidine	19.72	184	485578	38.15	ng		99
77) Pyrene	19.90	202	1391462	44.32	ng		95
79) Butylbenzylphthalate	20.77	149	583836	50.50	ng		97
80) Benzo(a)anthracene	21.75	228	1324798	51.76	ng		95
81) 3,3'-Dichlorobenzidine	21.67	252	262264	28.59	ng	#	94
82) Chrysene	21.82	228	1249268	51.93	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	815670	59.06	ng	#	94
84) Di-n-octyl phthalate	22.86	149	1412896	59.29	ng		99
85) Indeno(1,2,3-cd)pyrene	28.91	276	1567382	58.42	ng	#	100
87) Benzo(b)fluoranthene	24.04	252	1358706	53.02	ng	#	99
88) Benzo(k)fluoranthene	24.11	252	1329677	52.24	ng	#	97
89) Benzo(a)pyrene	24.94	252	1329987	53.69	ng	#	98
90) Dibenzo(a,h)anthracene	28.96	278	1291480	52.21	ng	#	93
91) Benzo(g,h,i)perylene	30.11	276	1300412	52.18	ng	#	96

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

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