Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024120.D
Acq On : 24 Sep 2016 12:01
Operator : UM/SJ
Sample : H4902-05MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1-092116MS

Manual Integrations APPROVED
sohil
9/26/2016 6:41:01 PM

Quant Time: Sep 26 01:09:13 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	50388	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	241285	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	210819	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	453883	20.00	ng		0.00
75) Chrysene-d12	21.79	240	416686	20.00	ng		0.00
86) Perylene-d12	25.12	264	412310	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	255590	87.88	ng		0.00
7) Phenol-d6	7.21	99	276473	56.49	ng		0.00
23) Nitrobenzene-d5	9.22	82	600669	98.12	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	424018	139.93	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	1227153	97.85	ng		0.00
78) Terphenyl-d14	20.09	244	1812183	89.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	23282	20.91	ng		94
3) Pyridine	3.85	79	61454	15.62	ng		93
4) n-Nitrosodimethylamine	3.77	42	42172	21.15	ng	#	92
6) Aniline	7.36	93	183018	26.63	ng		96
8) 2-Chlorophenol	7.61	128	157934	45.36	ng		99
9) Benzaldehyde	7.18	77	24952	9.36	ng		88
10) Phenol	7.24	94	96941	18.84	ng		93
11) bis(2-Chloroethyl)ether	7.45	93	197246	48.62	ng		90
12) 1,3-Dichlorobenzene	7.93	146	162617	41.88	ng		95
13) 1,4-Dichlorobenzene	8.08	146	170609	43.06	ng		95
14) 1,2-Dichlorobenzene	8.39	146	168082	43.58	ng		92
15) Benzyl Alcohol	8.29	79	168408	35.56	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	270363	48.26	ng		92
17) 2-Methylphenol	8.51	107	139861	40.89	ng		97
18) Hexachloroethane	9.12	117	67820	40.63	ng		88
19) n-Nitroso-di-n-propylamine	8.85	70	231939	48.25	ng		98
20) 3+4-Methylphenols	8.84	107	183999	37.04	ng		94
22) Acetophenone	8.88	105	322363	46.31	ng	#	95
24) Nitrobenzene	9.26	77	335070	51.06	ng		96
25) Isophorone	9.79	82	618794	49.56	ng	#	96
26) 2-Nitrophenol	9.98	139	119038	51.14	ng		91
27) 2,4-Dimethylphenol	10.05	122	193993	49.84	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	321126	52.89	ng		99
29) 2,4-Dichlorophenol	10.53	162	220869	54.52	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	203317	46.89	ng		97
31) Naphthalene	10.92	128	611023	49.99	ng		99
32) Benzoic acid	10.19	122	28523	12.08	ng		94
33) 4-Chloroaniline	11.04	127	153834	28.20	ng		94
34) Hexachlorobutadiene	11.19	225	141155	41.35	ng		97
35) Caprolactam	11.88	113	15918m	9.66	ng		
36) 4-Chloro-3-methylphenol	12.18	107	279386	49.01	ng		99
37) 2-Methylnaphthalene	12.53	142	494749	52.86	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	264367	42.95	ng		98
40) Hexachlorocyclopentadiene	12.87	237	241171	81.43	ng		99

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Quant Time: Sep 26 01:09:13 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)
42) 2,4,6-Trichlorophenol	13.15	196	206591	51.90	ng		94
43) 2,4,5-Trichlorophenol	13.24	196	206062	50.31	ng	#	92
45) 1,1'-Biphenyl	13.54	154	638273	44.27	ng		99
46) 2-Chloronaphthalene	13.59	162	549043	51.01	ng		97
47) 2-Nitroaniline	13.81	65	260259	51.96	ng		97
48) Acenaphthylene	14.44	152	909733	49.78	ng		100
49) Dimethylphthalate	14.17	163	843509	52.15	ng		99
50) 2,6-Dinitrotoluene	14.30	165	179089	52.71	ng		97
51) Acenaphthene	14.78	154	576790	52.04	ng		97
52) 3-Nitroaniline	14.65	138	122607	36.13	ng		89
53) 2,4-Dinitrophenol	14.86	184	206742	82.23	ng		90
54) Dibenzofuran	15.12	168	955799	55.39	ng		99
55) 4-Nitrophenol	14.99	139	92539	37.40	ng		94
56) 2,4-Dinitrotoluene	15.10	165	274568	53.11	ng		90
57) Fluorene	15.77	166	788026	52.47	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	222503	56.25	ng		92
59) Diethylphthalate	15.53	149	897797	51.55	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	413957	51.45	ng		94
61) 4-Nitroaniline	15.82	138	148846	42.35	ng	#	88
62) Azobenzene	16.06	77	1012115	57.20	ng		94
64) 4,6-Dinitro-2-methylphenol	15.87	198	161809	51.34	ng		77
65) n-Nitrosodiphenylamine	15.98	169	721240	58.09	ng		96
66) 4-Bromophenyl-phenylether	16.65	248	296177	56.26	ng		96
67) Hexachlorobenzene	16.78	284	302798	51.05	ng		97
68) Atrazine	16.93	200	300133	54.76	ng		97
69) Pentachlorophenol	17.14	266	288992	93.37	ng		98
70) Phenanthrene	17.52	178	1309527	56.64	ng		99
71) Anthracene	17.62	178	1320252	55.60	ng		99
72) Carbazole	17.89	167	1164138	52.66	ng		97
73) Di-n-butylphthalate	18.43	149	1458378	50.40	ng		98
74) Fluoranthene	19.54	202	1462680	48.46	ng		97
76) Benzidine	19.73	184	227194	19.26	ng		98
77) Pyrene	19.90	202	1448174	49.77	ng		96
79) Butylbenzylphthalate	20.77	149	585932	54.69	ng		99
80) Benzo(a)anthracene	21.77	228	1325362	55.87	ng		95
81) 3,3'-Dichlorobenzidine	21.68	252	257293	30.26	ng	#	99
82) Chrysene	21.84	228	1244394	55.81	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	820528	64.10	ng	#	96
84) Di-n-octyl phthalate	22.88	149	1405372	63.63	ng		100
85) Indeno(1,2,3-cd)pyrene	28.96	276	1572494	63.24	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	1400261	58.37	ng	#	99
88) Benzo(k)fluoranthene	24.13	252	1293001	54.28	ng	#	98
89) Benzo(a)pyrene	24.97	252	1322920	57.05	ng	#	97
90) Dibenzo(a,h)anthracene	29.01	278	1287217	55.59	ng	#	95
91) Benzo(g,h,i)perylene	30.15	276	1305356	55.96	ng	#	96

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

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