Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031605.D
Acq On : 16 Dec 2017 1:51
Operator : SJ/JU
Sample : I6884-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1-20171211MS

Manual Integrations APPROVED
Sohil
12/18/2017 5:07:56 PM

Quant Time: Dec 18 16:38:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	75014	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	344813	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	241847	20.00	ng		0.00
63) Phenanthrene-d10	17.46	188	615460	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	620517	20.00	ng		0.00
86) Perylene-d12	25.02	264	558865	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	259568	61.33	ng		0.00
7) Phenol-d6	7.27	99	203957	34.72	ng		0.00
23) Nitrobenzene-d5	9.27	82	502101	89.75	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	430537	151.95	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1442840	87.57	ng		0.00
78) Terphenyl-d14	20.06	244	2356046	86.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	25691	12.723	ng	#	83
3) Pyridine	3.91	79	49504	9.311	ng		86
4) n-Nitrosodimethylamine	3.82	42	36161	14.440	ng	#	89
6) Aniline	7.42	93	124916	16.145	ng		91
8) 2-Chlorophenol	7.66	128	190119	40.274	ng		86
9) Benzaldehyde	7.24	77	157917	46.372	ng		87
10) Phenol	7.29	94	78555	13.016	ng		91
11) bis(2-Chloroethyl)ether	7.51	93	218603	44.378	ng		88
12) 1,3-Dichlorobenzene	7.99	146	233219m	41.544	ng		
13) 1,4-Dichlorobenzene	8.13	146	236284	40.499	ng		95
14) 1,2-Dichlorobenzene	8.45	146	229427	41.281	ng		97
15) Benzyl Alcohol	8.34	79	107824	23.461	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.62	45	315494	57.010	ng		92
17) 2-Methylphenol	8.55	107	132094	32.108	ng		97
18) Hexachloroethane	9.18	117	79483	40.415	ng		94
19) n-Nitroso-di-n-propylamine	8.90	70	180167	38.962	ng	#	93
20) 3+4-Methylphenols	8.88	107	161137	26.292	ng		96
22) Acetophenone	8.92	105	373311	45.129	ng	#	92
24) Nitrobenzene	9.31	77	265751	46.358	ng		91
25) Isophorone	9.83	82	520197	49.204	ng	#	92
26) 2-Nitrophenol	10.03	139	144811	51.086	ng	#	87
27) 2,4-Dimethylphenol	10.08	122	208929	48.519	ng		92
28) bis(2-Chloroethoxy)methane	10.31	93	319853	46.861	ng		95
29) 2,4-Dichlorophenol	10.57	162	259978	51.244	ng		92
30) 1,2,4-Trichlorobenzene	10.77	180	282166	43.541	ng		98
31) Naphthalene	10.96	128	732436	43.238	ng		98
32) Benzoic acid	10.24	122	8964	10.854	ng	#	83
33) 4-Chloroaniline	11.08	127	106405	14.467	ng		94
34) Hexachlorobutadiene	11.24	225	172346	40.094	ng		95
35) Caprolactam	11.87	113	12177m	6.113	ng		
36) 4-Chloro-3-methylphenol	12.20	107	244398	42.203	ng	#	84
37) 2-Methylnaphthalene	12.56	142	605310	46.151	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	400762	42.400	ng		97
40) Hexachlorocyclopentadiene	12.90	237	209317	69.123	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	250189	51.808	ng		98
43) 2,4,5-Trichlorophenol	13.25	196	271916	52.272	ng	#	93
45) 1,1'-Biphenyl	13.56	154	869816	43.789	ng		97
46) 2-Chloronaphthalene	13.61	162	667683	45.925	ng		96
47) 2-Nitroaniline	13.82	65	189403	46.361	ng	#	79
48) Acenaphthylene	14.45	152	1016731	43.462	ng		98
49) Dimethylphthalate	14.17	163	936393	46.767	ng		98
50) 2,6-Dinitrotoluene	14.30	165	218989	51.169	ng	#	76
51) Acenaphthene	14.79	154	645276	43.623	ng		97
52) 3-Nitroaniline	14.64	138	87910	20.151	ng	#	79
53) 2,4-Dinitrophenol	14.86	184	167506	92.230	ng	#	50
54) Dibenzofuran	15.12	168	1074429	45.518	ng		98
55) 4-Nitrophenol	14.97	139	83629	30.656	ng	#	79
56) 2,4-Dinitrotoluene	15.10	165	312347	51.385	ng	#	72
57) Fluorene	15.77	166	857268	45.326	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	262391	53.663	ng	#	89
59) Diethylphthalate	15.53	149	933615	46.518	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	515531	44.552	ng		91
61) 4-Nitroaniline	15.80	138	196923	43.013	ng		89
62) Azobenzene	16.05	77	724607	43.584	ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	153091	41.802	ng		76
65) n-Nitrosodiphenylamine	15.97	169	813279	45.145	ng		100
66) 4-Bromophenyl-phenylether	16.65	248	349485	48.833	ng		96
67) Hexachlorobenzene	16.78	284	360814	48.823	ng		96
68) Atrazine	16.91	200	353066	53.600	ng		98
69) Pentachlorophenol	17.13	266	274985	77.592	ng		99
70) Phenanthrene	17.51	178	1450704	45.133	ng		96
71) Anthracene	17.60	178	1487043	46.777	ng		97
72) Carbazole	17.88	167	1373132	47.731	ng		99
73) Di-n-butylphthalate	18.40	149	1556461	46.850	ng		98
74) Fluoranthene	19.52	202	1856331	46.147	ng		95
76) Benzidine	19.69	184	504113	34.909	ng		97
77) Pyrene	19.87	202	1856746	48.157	ng	#	93
79) Butylbenzylphthalate	20.74	149	716538	52.975	ng	#	83
80) Benzo(a)anthracene	21.72	228	1766485	47.165	ng		96
81) 3,3'-Dichlorobenzidine	21.62	252	437912	33.595	ng		98
82) Chrysene	21.79	228	1672958	46.593	ng	#	95
83) Bis(2-ethylhexyl)phthalate	21.60	149	973027	50.002	ng		99
84) Di-n-octyl phthalate	22.81	149	1559233	48.575	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.80	276	1685055	43.913	ng		98
87) Benzo(b)fluoranthene	23.97	252	1655931	49.561	ng		99
88) Benzo(k)fluoranthene	24.05	252	1598412	46.878	ng		97
89) Benzo(a)pyrene	24.87	252	1529331	48.251	ng		99
90) Dibenzo(a,h)anthracene	28.84	278	1423475	46.965	ng		98
91) Benzo(g,h,i)perylene	29.97	276	1417750	47.579	ng		98

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

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