Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029367.D
Acq On : 19 Oct 2017 17:32
Operator : SJ/JU
Sample : PB103395BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103395BS

Manual Integrations APPROVED
Sohil
10/23/2017 3:39:06 PM

Quant Time: Oct 19 18:23:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	56158	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	253557	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	171136	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	460398	20.00	ng		0.00
75) Chrysene-d12	21.80	240	498042	20.00	ng		0.00
86) Perylene-d12	25.11	264	510936	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	326413	97.10	ng		0.00
7) Phenol-d6	7.32	99	432304	91.62	ng		0.00
23) Nitrobenzene-d5	9.33	82	360397	90.32	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	237140	107.33	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	975796	83.63	ng		0.00
78) Terphenyl-d14	20.11	244	1855197	84.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	55232	40.495	ng		88
3) Pyridine	3.97	79	157161	39.568	ng		92
4) n-Nitrosodimethylamine	3.89	42	79087	42.597	ng	#	94
6) Aniline	7.48	93	172633	29.545	ng		97
8) 2-Chlorophenol	7.73	128	169509	43.991	ng		90
9) Benzaldehyde	7.29	77	58411	24.611	ng		89
10) Phenol	7.35	94	228349	44.888	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	153374	41.382	ng		92
12) 1,3-Dichlorobenzene	8.06	146	174535	40.345	ng		96
13) 1,4-Dichlorobenzene	8.20	146	175667	39.773	ng		94
14) 1,2-Dichlorobenzene	8.52	146	167257	39.261	ng		98
15) Benzyl Alcohol	8.40	79	153060	46.030	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.69	45	251587	39.970	ng		95
17) 2-Methylphenol	8.60	107	148244	43.868	ng		96
18) Hexachloroethane	9.26	117	60558	40.234	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	130359	40.631	ng	#	96
20) 3+4-Methylphenols	8.93	107	212779	44.687	ng		98
22) Acetophenone	8.99	105	243502	39.849	ng	#	94
24) Nitrobenzene	9.37	77	182420	40.662	ng	#	89
25) Isophorone	9.90	82	360684	43.301	ng	#	94
26) 2-Nitrophenol	10.09	139	96687	45.093	ng		89
27) 2,4-Dimethylphenol	10.14	122	174199	44.903	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	222748	43.610	ng		95
29) 2,4-Dichlorophenol	10.63	162	187377	45.294	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	182114	40.747	ng		98
31) Naphthalene	11.04	128	509905	40.351	ng		98
32) Benzoic acid	10.23	122	55173	16.985	ng	#	80
33) 4-Chloroaniline	11.14	127	150773	28.364	ng		96
34) Hexachlorobutadiene	11.32	225	111279	40.046	ng		95
35) Caprolactam	11.91	113	76816m	55.871	ng		
36) 4-Chloro-3-methylphenol	12.25	107	206778	45.446	ng		90
37) 2-Methylnaphthalene	12.63	142	401077	43.548	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	219082	35.063	ng		99
40) Hexachlorocyclopentadiene	12.97	237	276982	114.864	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	170102	43.368	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	189883	47.139	ng		96
45) 1,1'-Biphenyl	13.62	154	545851	37.108	ng		98
46) 2-Chloronaphthalene	13.67	162	426011	39.705	ng		97
47) 2-Nitroaniline	13.87	65	140667	47.731	ng	#	83
48) Acenaphthylene	14.51	152	681898	40.608	ng		99
49) Dimethylphthalate	14.23	163	604449	45.269	ng		99
50) 2,6-Dinitrotoluene	14.36	165	135079	48.258	ng	#	77
51) Acenaphthene	14.85	154	438326	40.119	ng		97
52) 3-Nitroaniline	14.69	138	119405	39.533	ng	#	77
53) 2,4-Dinitrophenol	14.89	184	48112	35.258	ng	#	53
54) Dibenzofuran	15.19	168	700517	44.914	ng		99
55) 4-Nitrophenol	14.99	139	256736	103.102	ng	#	82
56) 2,4-Dinitrotoluene	15.14	165	196169	51.771	ng	#	76
57) Fluorene	15.83	166	556542	43.194	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.41	232	188694	56.147	ng	#	96
59) Diethylphthalate	15.59	149	623560	46.859	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	305746	44.507	ng		96
61) 4-Nitroaniline	15.84	138	157761	50.867	ng		89
62) Azobenzene	16.11	77	533333	47.528	ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	60958	25.858	ng		84
65) n-Nitrosodiphenylamine	16.03	169	531309	38.524	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	214613	40.623	ng		99
67) Hexachlorobenzene	16.84	284	227638	38.040	ng		94
68) Atrazine	16.97	200	222962	45.308	ng		98
69) Pentachlorophenol	17.18	266	270245	78.614	ng		98
70) Phenanthrene	17.57	178	982034	41.289	ng		97
71) Anthracene	17.66	178	1003613	42.023	ng		98
72) Carbazole	17.92	167	953167	41.547	ng		98
73) Di-n-butylphthalate	18.47	149	1127152	42.718	ng		99
74) Fluoranthene	19.56	202	1231248	44.259	ng		96
76) Benzidine	19.73	184	484916	32.247	ng		99
77) Pyrene	19.93	202	1260623	41.726	ng		97
79) Butylbenzylphthalate	20.80	149	530772	41.236	ng		88
80) Benzo(a)anthracene	21.78	228	1261437	43.139	ng		98
81) 3,3'-Dichlorobenzidine	21.68	252	373754	30.967	ng		99
82) Chrysene	21.85	228	1183914	42.277	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	748533	40.521	ng		98
84) Di-n-octyl phthalate	22.91	149	1285670	39.934	ng		97
85) Indeno(1,2,3-cd)pyrene	28.90	276	1527288	44.331	ng		97
87) Benzo(b)fluoranthene	24.06	252	1326964	45.364	ng		100
88) Benzo(k)fluoranthene	24.13	252	1249434	42.874	ng		98
89) Benzo(a)pyrene	24.96	252	1254012	44.594	ng		99
90) Dibenzo(a,h)anthracene	28.97	278	1272225	44.687	ng		98
91) Benzo(g,h,i)perylene	30.10	276	1266583	47.882	ng		98

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

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