Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029357.D
Acq On : 19 Oct 2017 8:25
Operator : SJ/JU
Sample : PB103373BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 19 17:08:55 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

Instrument : BNA_G
ClientSampleId : PB103373BS

Manual Integrations APPROVED
Sohil
10/19/2017 6:17:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	55626	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	251807	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	169305	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	445712	20.00	ng		0.00
75) Chrysene-d12	21.80	240	498370	20.00	ng		0.00
86) Perylene-d12	25.10	264	511693	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	314358	94.41	ng		0.00
7) Phenol-d6	7.32	99	423183	90.54	ng		0.00
23) Nitrobenzene-d5	9.33	82	356106	89.87	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	225458	103.14	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	969862	84.02	ng		0.00
78) Terphenyl-d14	20.11	244	1837782	83.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	51498	38.118	ng		87
3) Pyridine	3.98	79	150159	38.167	ng		89
4) n-Nitrosodimethylamine	3.89	42	74279	40.390	ng	#	95
6) Aniline	7.48	93	182862	31.595	ng		97
8) 2-Chlorophenol	7.73	128	162301	42.524	ng		92
9) Benzaldehyde	7.29	77	54973	23.384	ng		90
10) Phenol	7.35	94	224465	44.547	ng		89
11) bis(2-Chloroethyl)ether	7.58	93	149914	40.835	ng		92
12) 1,3-Dichlorobenzene	8.05	146	171175	39.947	ng		96
13) 1,4-Dichlorobenzene	8.20	146	173588	39.678	ng		93
14) 1,2-Dichlorobenzene	8.52	146	162685	38.553	ng		97
15) Benzyl Alcohol	8.40	79	151945	46.131	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	247376	39.677	ng		95
17) 2-Methylphenol	8.60	107	150058	44.830	ng		97
18) Hexachloroethane	9.26	117	60551	40.614	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	127091	39.991	ng	#	96
20) 3+4-Methylphenols	8.93	107	207719	44.041	ng		96
22) Acetophenone	8.99	105	238753	39.344	ng	#	94
24) Nitrobenzene	9.37	77	180566	40.528	ng	#	91
25) Isophorone	9.90	82	356437	43.089	ng	#	92
26) 2-Nitrophenol	10.09	139	93049	43.697	ng		92
27) 2,4-Dimethylphenol	10.14	122	172549	44.787	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	219856	43.343	ng		96
29) 2,4-Dichlorophenol	10.63	162	184805	44.983	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	179561	40.455	ng		95
31) Naphthalene	11.03	128	501033	39.924	ng		98
32) Benzoic acid	10.27	122	142212	44.085	ng		85
33) 4-Chloroaniline	11.14	127	147568	27.954	ng		94
34) Hexachlorobutadiene	11.32	225	111263	40.318	ng		96
35) Caprolactam	11.90	113	72184m	52.867	ng		
36) 4-Chloro-3-methylphenol	12.25	107	201078	44.500	ng	#	84
37) 2-Methylnaphthalene	12.62	142	393680	43.042	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	213338	34.513	ng		97
40) Hexachlorocyclopentadiene	12.97	237	283268	118.584	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	164598	42.418	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	181404	45.521	ng		97
45) 1,1'-Biphenyl	13.62	154	537868	36.961	ng		97
46) 2-Chloronaphthalene	13.67	162	415886	39.180	ng		96
47) 2-Nitroaniline	13.86	65	139098	47.709	ng	#	88
48) Acenaphthylene	14.51	152	676012	40.693	ng		99
49) Dimethylphthalate	14.23	163	582211	44.075	ng		99
50) 2,6-Dinitrotoluene	14.35	165	130751	47.217	ng	#	81
51) Acenaphthene	14.85	154	419918	38.850	ng		98
52) 3-Nitroaniline	14.68	138	106663	35.696	ng	#	80
53) 2,4-Dinitrophenol	14.89	184	151928	98.006	ng	#	53
54) Dibenzofuran	15.18	168	685846	44.448	ng		98
55) 4-Nitrophenol	14.99	139	252926	102.671	ng	#	78
56) 2,4-Dinitrotoluene	15.14	165	189948	50.672	ng	#	78
57) Fluorene	15.83	166	542754	42.580	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	179260	53.917	ng		97
59) Diethylphthalate	15.58	149	609036	46.263	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	303761	44.696	ng		95
61) 4-Nitroaniline	15.84	138	156421	50.980	ng		87
62) Azobenzene	16.11	77	524092	47.210	ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	110311	43.988	ng		84
65) n-Nitrosodiphenylamine	16.03	169	518082	38.803	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	204814	40.046	ng		98
67) Hexachlorobenzene	16.83	284	219492	37.887	ng		96
68) Atrazine	16.97	200	219915	46.161	ng		99
69) Pentachlorophenol	17.17	266	303022	91.053	ng		99
70) Phenanthrene	17.56	178	957809	41.597	ng		98
71) Anthracene	17.65	178	981891	42.468	ng		98
72) Carbazole	17.92	167	947695	42.670	ng		99
73) Di-n-butylphthalate	18.47	149	1117781	43.758	ng		100
74) Fluoranthene	19.56	202	1224359	45.462	ng		97
76) Benzidine	19.73	184	484091	32.171	ng		98
77) Pyrene	19.92	202	1257292	41.588	ng		97
79) Butylbenzylphthalate	20.79	149	535985	41.613	ng		91
80) Benzo(a)anthracene	21.78	228	1253262	42.831	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	373066	30.890	ng		97
82) Chrysene	21.84	228	1176328	41.979	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	744515	40.277	ng		99
84) Di-n-octyl phthalate	22.91	149	1287582	39.967	ng		98
85) Indeno(1,2,3-cd)pyrene	28.89	276	1511515	43.844	ng		97
87) Benzo(b)fluoranthene	24.05	252	1306654	44.604	ng		100
88) Benzo(k)fluoranthene	24.12	252	1238738	42.444	ng		99
89) Benzo(a)pyrene	24.94	252	1249572	44.370	ng		98
90) Dibenzo(a,h)anthracene	28.95	278	1265305	44.378	ng		97
91) Benzo(g,h,i)perylene	30.08	276	1258268	47.497	ng		98

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

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