Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029358.D
Acq On : 19 Oct 2017 9:05
Operator : SJ/JU
Sample : PB103373BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103373BSD

Manual Integrations APPROVED
Sohil
10/19/2017 6:17:20 PM

Quant Time: Oct 19 17:10:26 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	56878	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	258062	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	176084	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	456862	20.00	ng		0.00
75) Chrysene-d12	21.80	240	503334	20.00	ng		0.00
86) Perylene-d12	25.10	264	521180	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	332650	97.70	ng		0.00
7) Phenol-d6	7.32	99	440979	92.27	ng		0.00
23) Nitrobenzene-d5	9.33	82	370723	91.29	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	235143	103.43	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1005812	83.78	ng		0.00
78) Terphenyl-d14	20.11	244	1877598	84.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	55070	39.865	ng		88
3) Pyridine	3.98	79	160425	39.879	ng		90
4) n-Nitrosodimethylamine	3.89	42	80081	42.586	ng	#	94
6) Aniline	7.48	93	195903	33.104	ng		96
8) 2-Chlorophenol	7.73	128	175263	44.909	ng		94
9) Benzaldehyde	7.29	77	60883	25.328	ng		96
10) Phenol	7.35	94	234113	45.439	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	160843	42.847	ng		92
12) 1,3-Dichlorobenzene	8.06	146	180080	41.100	ng		97
13) 1,4-Dichlorobenzene	8.20	146	183647	41.053	ng		96
14) 1,2-Dichlorobenzene	8.52	146	174141	40.359	ng		96
15) Benzyl Alcohol	8.40	79	160783	47.740	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.69	45	265213	41.602	ng		93
17) 2-Methylphenol	8.60	107	158251	46.237	ng		98
18) Hexachloroethane	9.26	117	63915	41.926	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	134518	41.396	ng	#	97
20) 3+4-Methylphenols	8.93	107	218969	45.405	ng		95
22) Acetophenone	8.99	105	254277	40.886	ng	#	96
24) Nitrobenzene	9.37	77	193739	42.431	ng		91
25) Isophorone	9.90	82	377076	44.479	ng	#	93
26) 2-Nitrophenol	10.09	139	100944	46.256	ng		91
27) 2,4-Dimethylphenol	10.14	122	184452	46.716	ng		94
28) bis(2-Chloroethoxy)methane	10.37	93	234378	45.086	ng		96
29) 2,4-Dichlorophenol	10.63	162	199409	47.361	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	189083	41.568	ng		100
31) Naphthalene	11.03	128	534549	41.563	ng		98
32) Benzoic acid	10.27	122	152219	46.043	ng	#	79
33) 4-Chloroaniline	11.13	127	150351	27.791	ng		94
34) Hexachlorobutadiene	11.32	225	116845	41.315	ng		95
35) Caprolactam	11.90	113	75733m	54.122	ng		
36) 4-Chloro-3-methylphenol	12.25	107	213505	46.105	ng	#	91
37) 2-Methylnaphthalene	12.63	142	417980	44.591	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	224975	34.995	ng		98
40) Hexachlorocyclopentadiene	12.97	237	302951	121.809	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	174802	43.313	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	193270	46.631	ng		96
45) 1,1'-Biphenyl	13.62	154	572311	37.814	ng		96
46) 2-Chloronaphthalene	13.67	162	442535	40.086	ng		97
47) 2-Nitroaniline	13.86	65	145367	47.940	ng	#	88
48) Acenaphthylene	14.51	152	712328	41.228	ng		98
49) Dimethylphthalate	14.23	163	613627	44.665	ng		98
50) 2,6-Dinitrotoluene	14.35	165	139776	48.533	ng	#	83
51) Acenaphthene	14.85	154	440635	39.197	ng		99
52) 3-Nitroaniline	14.68	138	109526	35.243	ng	#	79
53) 2,4-Dinitrophenol	14.89	184	167904	103.726	ng	#	51
54) Dibenzofuran	15.18	168	717400	44.703	ng		99
55) 4-Nitrophenol	14.99	139	267892	104.559	ng	#	80
56) 2,4-Dinitrotoluene	15.14	165	199975	51.293	ng	#	79
57) Fluorene	15.83	166	575333	43.398	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	188478	54.507	ng		96
59) Diethylphthalate	15.58	149	640303	46.765	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	317568	44.928	ng		95
61) 4-Nitroaniline	15.84	138	159614	50.018	ng		87
62) Azobenzene	16.11	77	548865	47.538	ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	116591	45.202	ng		84
65) n-Nitrosodiphenylamine	16.03	169	539128	39.394	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	217491	41.487	ng		98
67) Hexachlorobenzene	16.83	284	229272	38.610	ng		98
68) Atrazine	16.97	200	226370	46.357	ng		99
69) Pentachlorophenol	17.17	266	314129	92.087	ng		98
70) Phenanthrene	17.56	178	989570	41.928	ng		96
71) Anthracene	17.66	178	1016478	42.891	ng		99
72) Carbazole	17.92	167	979168	43.011	ng		99
73) Di-n-butylphthalate	18.47	149	1145160	43.736	ng		99
74) Fluoranthene	19.56	202	1259033	45.609	ng		96
76) Benzidine	19.73	184	488507	32.144	ng		99
77) Pyrene	19.92	202	1280709	41.945	ng		96
79) Butylbenzylphthalate	20.79	149	548171	42.140	ng		92
80) Benzo(a)anthracene	21.78	228	1278296	43.256	ng		98
81) 3,3'-Dichlorobenzidine	21.68	252	382679	31.373	ng		97
82) Chrysene	21.84	228	1203831	42.536	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	768662	41.173	ng		99
84) Di-n-octyl phthalate	22.91	149	1322379	40.643	ng		97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1564215	44.926	ng		98
87) Benzo(b)fluoranthene	24.05	252	1339133	44.880	ng		100
88) Benzo(k)fluoranthene	24.12	252	1278051	42.994	ng		97
89) Benzo(a)pyrene	24.95	252	1281486	44.675	ng		99
90) Dibenzo(a,h)anthracene	28.96	278	1300357	44.778	ng		97
91) Benzo(g,h,i)perylene	30.08	276	1288874	47.767	ng		99

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

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