Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
Data File : BG029393.D
Acq On : 21 Oct 2017 16:03
Operator : SJ/JU
Sample : PB103526BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB103526BS

Quant Time: Oct 21 22:38:11 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	49178	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	220588	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	157358	20.00	ng		-0.01
63) Phenanthrene-d10	17.52	188	415088	20.00	ng		-0.01
75) Chrysene-d12	21.79	240	456751	20.00	ng		-0.01
86) Perylene-d12	25.10	264	478146	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	336560	114.33	ng		0.00
7) Phenol-d6	7.32	99	453013	109.63	ng		0.00
23) Nitrobenzene-d5	9.33	82	251970	72.59	ng		-0.01
41) 2,4,6-Tribromophenol	16.27	330	263408	129.65	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	742939	69.25	ng		0.00
78) Terphenyl-d14	20.11	244	1385653	69.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	39066	32.707	ng		88
3) Pyridine	3.98	79	108123	31.086	ng		92
4) n-Nitrosodimethylamine	3.89	42	55177	33.937	ng	#	93
6) Aniline	7.48	93	104758	20.474	ng		96
8) 2-Chlorophenol	7.73	128	117734	34.891	ng		89
9) Benzaldehyde	7.29	77	86927	41.825	ng		95
10) Phenol	7.34	94	160017	35.920	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	105539	32.517	ng		93
12) 1,3-Dichlorobenzene	8.05	146	121882	32.173	ng		96
13) 1,4-Dichlorobenzene	8.20	146	124323	32.143	ng		94
14) 1,2-Dichlorobenzene	8.52	146	118141	31.668	ng		100
15) Benzyl Alcohol	8.39	79	107487	36.913	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.69	45	179963	32.649	ng		97
17) 2-Methylphenol	8.60	107	108085	36.524	ng		97
18) Hexachloroethane	9.26	117	42208	32.022	ng		100
19) n-Nitroso-di-n-propylamine	8.96	70	89931	32.008	ng	#	93
20) 3+4-Methylphenols	8.93	107	152444	36.560	ng		96
22) Acetophenone	8.99	105	171894	32.335	ng	#	93
24) Nitrobenzene	9.37	77	130698	33.487	ng		95
25) Isophorone	9.89	82	257409	35.521	ng		96
26) 2-Nitrophenol	10.09	139	64869	34.775	ng		90
27) 2,4-Dimethylphenol	10.14	122	124719	36.954	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	158302	35.625	ng		94
29) 2,4-Dichlorophenol	10.62	162	137006	38.068	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	133987	34.460	ng		96
31) Naphthalene	11.03	128	365822	33.276	ng		98
32) Benzoic acid	10.25	122	91508	32.382	ng	#	86
33) 4-Chloroaniline	11.13	127	79041	17.092	ng		96
34) Hexachlorobutadiene	11.31	225	79803	33.011	ng		97
35) Caprolactam	11.89	113	52791	44.136	ng	#	88
36) 4-Chloro-3-methylphenol	12.24	107	151542	38.284	ng		88
37) 2-Methylnaphthalene	12.62	142	290194	36.218	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	160813	27.991	ng		96
40) Hexachlorocyclopentadiene	12.97	237	196039	89.488	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	122804	34.050	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	140880	38.036	ng		96
45) 1,1'-Biphenyl	13.62	154	405399	29.973	ng		97
46) 2-Chloronaphthalene	13.66	162	312852	31.711	ng		97
47) 2-Nitroaniline	13.86	65	104223	38.461	ng	#	88
48) Acenaphthylene	14.50	152	515906	33.413	ng		98
49) Dimethylphthalate	14.23	163	451925	36.809	ng		99
50) 2,6-Dinitrotoluene	14.35	165	99556	38.681	ng	#	78
51) Acenaphthene	14.84	154	326120	32.463	ng		97
52) 3-Nitroaniline	14.68	138	63548	22.882	ng	#	79
53) 2,4-Dinitrophenol	14.89	184	81237	59.199	ng	#	55
54) Dibenzofuran	15.18	168	527674	36.794	ng		100
55) 4-Nitrophenol	14.98	139	170078	74.282	ng		86
56) 2,4-Dinitrotoluene	15.13	165	145579	41.784	ng	#	79
57) Fluorene	15.83	166	428188	36.142	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	137592	44.526	ng		95
59) Diethylphthalate	15.59	149	465109	38.012	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	237282	37.565	ng		95
61) 4-Nitroaniline	15.84	138	112720	39.526	ng		90
62) Azobenzene	16.10	77	401702	38.932	ng		98
64) 4,6-Dinitro-2-methylphenol	15.90	198	73555	32.915	ng		81
65) n-Nitrosodiphenylamine	16.03	169	402339	32.357	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	162171	34.048	ng		98
67) Hexachlorobenzene	16.82	284	175167	32.467	ng		98
68) Atrazine	16.96	200	162127	36.542	ng		97
69) Pentachlorophenol	17.17	266	217341	70.126	ng		97
70) Phenanthrene	17.56	178	745279	34.755	ng		99
71) Anthracene	17.65	178	761776	35.379	ng		99
72) Carbazole	17.92	167	707066	34.184	ng		99
73) Di-n-butylphthalate	18.46	149	830879	34.927	ng		99
74) Fluoranthene	19.56	202	928799	37.032	ng		98
76) Benzidine	19.73	184	361795	26.234	ng		99
77) Pyrene	19.92	202	958080	34.579	ng		98
79) Butylbenzylphthalate	20.79	149	393872	33.366	ng		88
80) Benzo(a)anthracene	21.77	228	957182	35.693	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	225495	20.372	ng		98
82) Chrysene	21.84	228	900923	35.080	ng		97
83) Bis(2-ethylhexyl)phthalate	21.66	149	548389	32.370	ng		98
84) Di-n-octyl phthalate	22.90	149	951316	32.220	ng		97
85) Indeno(1,2,3-cd)pyrene	28.87	276	1148338	36.345	ng		99
87) Benzo(b)fluoranthene	24.05	252	971104	35.475	ng		98
88) Benzo(k)fluoranthene	24.11	252	969069	35.534	ng		99
89) Benzo(a)pyrene	24.94	252	950195	36.107	ng		98
90) Dibenzo(a,h)anthracene	28.94	278	956616	35.906	ng		99
91) Benzo(g,h,i)perylene	30.06	276	948681	38.323	ng		99

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

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