Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029027.D
Acq On : 4 Oct 2017 5:51
Operator : SJ/JU
Sample : I5584-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 2

Instrument :
BNA_G
ClientSampleId :
TP-1-COMPMSD

Manual Integrations APPROVED
Sohil
10/4/2017 4:58:17 PM

Quant Time: Oct 04 07:45:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	87953	40.00	ng		-0.09
21) Naphthalene-d8	11.06	136	342953	40.00	ng		-0.09
38) Acenaphthene-d10	14.87	164	255362	40.00	ng		-0.08
63) Phenanthrene-d10	17.62	188	680573	40.00	ng		-0.08
75) Chrysene-d12	21.93	240	763800	40.00	ng		-0.10
86) Perylene-d12	25.35	264	750619	40.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	352630	132.31	ng		-0.09
7) Phenol-d6	7.40	99	456418	113.74	ng		-0.09
23) Nitrobenzene-d5	9.41	82	334210	93.24	ng		-0.09
41) 2,4,6-Tribromophenol	16.36	330	320231	151.64	ng		-0.08
44) 2-Fluorobiphenyl	13.49	172	808875	84.47	ng		-0.08
78) Terphenyl-d14	20.21	244	1633635	91.22	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	3.73	88	39404	36.510	ng	#	95
3) Pyridine	4.13	79	105547	34.283	ng		92
4) n-Nitrosodimethylamine	4.03	42	63220	45.141	ng	#	73
6) Aniline	7.57	93	83785	17.941	ng		98
8) 2-Chlorophenol	7.81	128	123446	41.550	ng		93
9) Benzaldehyde	7.38	77	64388	25.863	ng		85
10) Phenol	7.43	94	153898	36.341	ng		86
11) bis(2-Chloroethyl)ether	7.65	93	117807	38.747	ng		95
12) 1,3-Dichlorobenzene	8.13	146	125575m	39.252	ng		
13) 1,4-Dichlorobenzene	8.27	146	132373	40.239	ng		98
14) 1,2-Dichlorobenzene	8.60	146	125680	38.670	ng		94
15) Benzyl Alcohol	8.48	79	134273	42.865	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.76	45	221397	40.066	ng		95
17) 2-Methylphenol	8.68	107	111094	40.145	ng	#	88
18) Hexachloroethane	9.32	117	48383	40.128	ng		91
19) n-Nitroso-di-n-propylamine	9.04	70	108929	38.294	ng	#	93
20) 3+4-Methylphenols	9.01	107	150647	38.920	ng		98
22) Acetophenone	9.07	105	202999	40.488	ng	#	88
24) Nitrobenzene	9.45	77	165302	41.645	ng		93
25) Isophorone	9.97	82	307741	42.429	ng		98
26) 2-Nitrophenol	10.17	139	69253	40.994	ng	#	91
27) 2,4-Dimethylphenol	10.22	122	124430	40.295	ng		97
28) bis(2-Chloroethoxy)methane	10.45	93	166702	42.323	ng		100
29) 2,4-Dichlorophenol	10.72	162	134040	43.627	ng		95
30) 1,2,4-Trichlorobenzene	10.92	180	144337	41.181	ng		93
31) Naphthalene	11.11	128	386479	43.153	ng		99
32) Benzoic acid	10.38	122	42112	28.940	ng		90
33) 4-Chloroaniline	11.24	127	8648	2.305	ng	#	81
34) Hexachlorobutadiene	11.38	225	100602	38.969	ng		98
35) Caprolactam	12.00	113	43128m	39.145	ng		
36) 4-Chloro-3-methylphenol	12.34	107	167273	41.834	ng		96
37) 2-Methylnaphthalene	12.70	142	298904	44.702	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	192735	36.712	ng		97
40) Hexachlorocyclopentadiene	13.04	237	162336	87.239	ng		95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	132807	39.858	ng		98
43) 2,4,5-Trichlorophenol	13.39	196	138983	41.511	ng	#	94
45) 1,1'-Biphenyl	13.70	154	410073	38.790	ng		94
46) 2-Chloronaphthalene	13.74	162	315345	40.897	ng		99
47) 2-Nitroaniline	13.96	65	126365	44.096	ng	#	87
48) Acenaphthylene	14.59	152	521299	42.317	ng		97
49) Dimethylphthalate	14.31	163	469748	43.874	ng		97
50) 2,6-Dinitrotoluene	14.44	165	105247	44.177	ng	#	77
51) Acenaphthene	14.93	154	306153	40.912	ng		97
52) 3-Nitroaniline	14.78	138	28963	13.747	ng		92
53) 2,4-Dinitrophenol	14.99	184	92329	82.196	ng		93
54) Dibenzofuran	15.26	168	548434	45.957	ng		92
55) 4-Nitrophenol	15.09	139	137074	88.805	ng	#	79
56) 2,4-Dinitrotoluene	15.24	165	157144	46.911	ng	#	85
57) Fluorene	15.91	166	465909	43.731	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	144209	48.870	ng	#	95
59) Diethylphthalate	15.66	149	492266	44.740	ng		98
60) 4-Chlorophenyl-phenylether	15.89	204	261323	43.076	ng		91
61) 4-Nitroaniline	15.95	138	102582	45.961	ng	#	84
62) Azobenzene	16.19	77	451500	48.791	ng		93
64) 4,6-Dinitro-2-methylphenol	16.00	198	77505	35.298	ng		86
65) n-Nitrosodiphenylamine	16.11	169	407440	41.768	ng		99
66) 4-Bromophenyl-phenylether	16.79	248	188561	43.065	ng		96
67) Hexachlorobenzene	16.92	284	198584	39.849	ng	#	91
68) Atrazine	17.06	200	182606	43.598	ng		97
69) Pentachlorophenol	17.27	266	193047	85.737	ng		98
70) Phenanthrene	17.66	178	776680	44.633	ng		95
71) Anthracene	17.75	178	793573	45.144	ng		98
72) Carbazole	18.02	167	717625	45.328	ng		96
73) Di-n-butylphthalate	18.55	149	862663	44.439	ng	#	94
74) Fluoranthene	19.66	202	992765	46.724	ng		93
76) Benzidine	19.84	184	335946	33.922	ng		95
77) Pyrene	20.02	202	1005501	45.646	ng		96
79) Butylbenzylphthalate	20.89	149	388566	43.677	ng		90
80) Benzo(a)anthracene	21.91	228	1035582	45.049	ng		94
81) 3,3'-Dichlorobenzidine	21.81	252	183004	19.635	ng		99
82) Chrysene	21.98	228	968121	44.386	ng		95
83) Bis(2-ethylhexyl)phthalate	21.77	149	525017	41.511	ng		99
84) Di-n-octyl phthalate	23.04	149	885187	40.058	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.28	276	1170473	41.766	ng	#	99
87) Benzo(b)fluoranthene	24.25	252	1010105	44.922	ng		98
88) Benzo(k)fluoranthene	24.33	252	1000184	44.531	ng		93
89) Benzo(a)pyrene	25.19	252	974918	45.678	ng		94
90) Dibenzo(a,h)anthracene	29.33	278	988526	44.425	ng		97
91) Benzo(g,h,i)perylene	30.52	276	975606	44.935	ng		98

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

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