Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
Data File : BG037954.D
Acq On : 12 Nov 2018 21:22
Operator : JU/SJ
Sample : PB114712BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114712BS

Quant Time: Nov 13 04:26:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	71850	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	322084	20.00	ng		-0.02
39) Acenaphthene-d10	14.73	164	227519	20.00	ng		-0.02
64) Phenanthrene-d10	17.47	188	509573	20.00	ng		-0.02
76) Chrysene-d12	21.75	240	482635	20.00	ng		-0.02
87) Perylene-d12	25.09	264	498286	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	461567	107.40	ng		-0.02
7) Phenol-d6	7.24	99	642011	98.79	ng		0.00
23) Nitrobenzene-d5	9.27	82	310072	53.93	ng		-0.02
42) 2,4,6-Tribromophenol	16.21	330	243194	98.00	ng		-0.02
45) 2-Fluorobiphenyl	13.35	172	769601	51.01	ng		-0.02
79) Terphenyl-d14	20.07	244	1226255	54.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	48548	22.275	ng		97
3) Pyridine	3.92	79	115865	21.093	ng		95
4) n-Nitrosodimethylamine	3.85	42	49868	25.487	ng		99
6) Aniline	7.42	93	134487	16.964	ng		94
8) 2-Chlorophenol	7.65	128	128576	25.574	ng		99
9) Benzaldehyde	7.23	77	78795	19.383	ng		98
10) Phenol	7.27	94	169503	24.721	ng		99
11) bis(2-Chloroethyl)ether	7.51	93	116653	22.400	ng		99
12) 1,3-Dichlorobenzene	7.98	146	129386	23.117	ng		100
13) 1,4-Dichlorobenzene	8.13	146	131835	23.027	ng		99
14) 1,2-Dichlorobenzene	8.45	146	127686	23.185	ng		98
15) Benzyl Alcohol	8.33	79	110180	22.946	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	222024	23.828	ng		96
17) 2-Methylphenol	8.52	107	114719	25.307	ng		99
18) Hexachloroethane	9.17	117	48377	24.785	ng		99
19) n-Nitroso-di-n-propylamine	8.89	70	98509	22.013	ng		93
20) 3+4-Methylphenols	8.85	107	159953	24.680	ng		98
22) Acetophenone	8.92	105	187093	23.162	ng	#	96
24) Nitrobenzene	9.31	77	146210	24.479	ng		93
25) Isophorone	9.82	82	272180	25.909	ng		95
26) 2-Nitrophenol	10.02	139	72551	26.963	ng		95
27) 2,4-Dimethylphenol	10.06	122	135385	28.180	ng		96
28) bis(2-Chloroethoxy)methane	10.31	93	170947	24.836	ng		97
29) 2,4-Dichlorophenol	10.55	162	139605	26.099	ng		98
30) 1,2,4-Trichlorobenzene	10.77	180	141571	24.337	ng		98
31) Naphthalene	10.96	128	412509	26.075	ng		99
32) Benzoic acid	10.17	122	42512	13.624	ng		100
33) 4-Chloroaniline	11.07	127	111424	14.990	ng		97
34) Hexachlorobutadiene	11.23	225	81862	23.745	ng		96
35) Caprolactam	11.86	113	49211	22.939	ng		93
36) 4-Chloro-3-methylphenol	12.18	107	150793	24.996	ng		97
37) 2-Methylnaphthalene	12.56	142	319499	27.705	ng		98
38) 1-Methylnaphthalene	12.78	142	302014	26.967	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	167411	22.812	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	192200	54.828	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	115609	23.580	ng		100
44) 2,4,5-Trichlorophenol	13.23	196	122980	23.038	ng		97
46) 1,1'-Biphenyl	13.56	154	408884	21.700	ng		99
47) 2-Chloronaphthalene	13.60	162	325094	22.805	ng		97
48) 2-Nitroaniline	13.82	65	103393	23.918	ng		93
49) Acenaphthylene	14.45	152	540435	25.203	ng		98
50) Dimethylphthalate	14.17	163	408308	23.198	ng		99
51) 2,6-Dinitrotoluene	14.30	165	93509	24.015	ng		95
52) Acenaphthene	14.79	154	307159	23.258	ng		98
53) 3-Nitroaniline	14.64	138	80427	18.606	ng		99
54) 2,4-Dinitrophenol	14.84	184	29931	30.894	ng		94
55) Dibenzofuran	15.12	168	510306	23.322	ng		99
56) 4-Nitrophenol	14.93	139	120638	37.704	ng		97
57) 2,4-Dinitrotoluene	15.09	165	128283	25.098	ng		97
58) Fluorene	15.77	166	404221	24.669	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	108570	23.755	ng		99
60) Diethylphthalate	15.53	149	419743	23.228	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	213842	22.391	ng		99
62) 4-Nitroaniline	15.80	138	95359	22.201	ng		90
63) Azobenzene	16.05	77	392709	22.777	ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	43327	21.839	ng		98
66) n-Nitrosodiphenylamine	15.97	169	361418	23.579	ng		100
67) 4-Bromophenyl-phenylether	16.65	248	129365	23.118	ng		98
68) Hexachlorobenzene	16.77	284	132827	22.902	ng		99
69) Atrazine	16.91	200	130567	23.560	ng		97
70) Pentachlorophenol	17.11	266	123096	31.686	ng		93
71) Phenanthrene	17.51	178	652622	25.200	ng		99
72) Anthracene	17.61	178	662529	26.068	ng		98
73) Carbazole	17.88	167	590295	23.219	ng		99
74) Di-n-butylphthalate	18.41	149	708440	25.050	ng		98
75) Fluoranthene	19.52	202	752335	25.613	ng		100
77) Benzidine	19.70	184	237204	14.454	ng		99
78) Pyrene	19.88	202	760571	24.106	ng		99
80) Butylbenzylphthalate	20.75	149	319208	24.721	ng		98
81) Benzo(a)anthracene	21.74	228	694934	24.343	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	173543	15.684	ng		98
83) Chrysene	21.81	228	649947	23.677	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	445199	24.597	ng		99
85) Di-n-octyl phthalate	22.85	149	755187	25.587	ng		97
86) Indeno(1,2,3-cd)pyrene	28.89	276	565217	19.197	ng	#	93
88) Benzo(b)fluoranthene	24.01	252	647837	23.715	ng		100
89) Benzo(k)fluoranthene	24.09	252	652823	24.392	ng		98
90) Benzo(a)pyrene	24.92	252	619081	23.849	ng		100
91) Dibenzo(a,h)anthracene	28.96	278	410404	17.140	ng		97
92) Benzo(g,h,i)perylene	30.09	276	482731	19.927	ng		99

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

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