Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031427.D
Acq On : 8 Dec 2017 17:20
Operator : SJ/JU
Sample : I6725-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-1218-01MSD

Manual Integrations APPROVED
Sohil
12/11/2017 6:17:24 PM

Quant Time: Dec 11 09:59:49 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39921	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	197311	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	150560	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	405506	20.00	ng		0.00
75) Chrysene-d12	21.77	240	439501	20.00	ng		0.00
86) Perylene-d12	25.06	264	430183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	393721	169.12	ng		0.00
7) Phenol-d6	7.30	99	519530	165.64	ng		0.00
23) Nitrobenzene-d5	9.29	82	367813	110.46	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	326934	134.23	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	1094223	104.43	ng		0.00
78) Terphenyl-d14	20.08	244	2073797	104.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	35207	37.266	ng		85
3) Pyridine	3.95	79	90293	32.920	ng		94
4) n-Nitrosodimethylamine	3.86	42	58596	45.078	ng	#	90
6) Aniline	7.45	93	82012	19.869	ng		93
8) 2-Chlorophenol	7.69	128	153025	59.562	ng		88
9) Benzaldehyde	7.27	77	46931	21.383	ng		92
10) Phenol	7.32	94	177642	54.539	ng		96
11) bis(2-Chloroethyl)ether	7.54	93	138483	53.248	ng		93
12) 1,3-Dichlorobenzene	8.01	146	150510	49.932	ng		97
13) 1,4-Dichlorobenzene	8.16	146	153100	50.122	ng		96
14) 1,2-Dichlorobenzene	8.48	146	152042	51.860	ng		96
15) Benzyl Alcohol	8.37	79	143241	56.936	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	222536	77.467	ng		93
17) 2-Methylphenol	8.58	107	136288	60.087	ng		95
18) Hexachloroethane	9.21	117	55279	51.997	ng		93
19) n-Nitroso-di-n-propylamine	8.93	70	129358	54.244	ng	#	96
20) 3+4-Methylphenols	8.91	107	192634	59.727	ng		98
22) Acetophenone	8.95	105	234043	47.639	ng	#	96
24) Nitrobenzene	9.34	77	184236	54.165	ng		91
25) Isophorone	9.86	82	380515	58.595	ng	#	92
26) 2-Nitrophenol	10.05	139	94532	53.319	ng		90
27) 2,4-Dimethylphenol	10.11	122	167229	63.534	ng		94
28) bis(2-Chloroethoxy)methane	10.33	93	217764	53.242	ng		96
29) 2,4-Dichlorophenol	10.60	162	195416	61.827	ng		91
30) 1,2,4-Trichlorobenzene	10.80	180	189448	50.204	ng		99
31) Naphthalene	10.99	128	590615	60.890	ng		98
33) 4-Chloroaniline	11.12	127	19096	4.497	ng	#	95
34) Hexachlorobutadiene	11.27	225	123425	47.162	ng		97
35) Caprolactam	11.89	113	61376m	47.536	ng		
36) 4-Chloro-3-methylphenol	12.23	107	210168	61.095	ng		88
37) 2-Methylnaphthalene	12.58	142	419914	56.080	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	252138	42.194	ng		96
40) Hexachlorocyclopentadiene	12.93	237	178591	80.700	ng		94
42) 2,4,6-Trichlorophenol	13.20	196	184529	54.018	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.28	196	201255	53.846	ng		93
45) 1,1'-Biphenyl	13.58	154	560607	44.903	ng		97
46) 2-Chloronaphthalene	13.63	162	460993	51.176	ng		95
47) 2-Nitroaniline	13.84	65	151367	56.693	ng	#	88
48) Acenaphthylene	14.48	152	737300	50.009	ng		99
49) Dimethylphthalate	14.20	163	688411	52.881	ng		100
50) 2,6-Dinitrotoluene	14.32	165	153827	57.330	ng	#	85
51) Acenaphthene	14.81	154	461738	50.146	ng		98
52) 3-Nitroaniline	14.66	138	46027	16.155	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	44067	33.529	ng	#	48
54) Dibenzofuran	15.15	168	773469	52.737	ng		98
55) 4-Nitrophenol	14.99	139	195474	96.316	ng	#	86
56) 2,4-Dinitrotoluene	15.12	165	227128	58.552	ng	#	78
57) Fluorene	15.79	166	629960	52.906	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	210673	59.141	ng		91
59) Diethylphthalate	15.55	149	693116	52.416	ng		96
60) 4-Chlorophenyl-phenylether	15.78	204	373556	51.946	ng		93
61) 4-Nitroaniline	15.82	138	156862	51.995	ng		92
62) Azobenzene	16.07	77	573461	56.864	ng		97
64) 4,6-Dinitro-2-methylphenol	15.89	198	65170	24.179	ng		82
65) n-Nitrosodiphenylamine	15.99	169	593651	48.312	ng		98
66) 4-Bromophenyl-phenylether	16.67	248	254657	49.584	ng		98
67) Hexachlorobenzene	16.80	284	251433	46.074	ng		96
68) Atrazine	16.94	200	259220	51.129	ng		99
69) Pentachlorophenol	17.15	266	203416	67.433	ng		96
70) Phenanthrene	17.54	178	1108264	52.491	ng		98
71) Anthracene	17.63	178	1125873	53.218	ng		98
72) Carbazole	17.90	167	1047259	52.831	ng		99
73) Di-n-butylphthalate	18.43	149	1213490	49.858	ng		98
74) Fluoranthene	19.54	202	1432542	53.588	ng		97
76) Benzidine	19.71	184	118508	8.394	ng		99
77) Pyrene	19.90	202	1454450	55.769	ng		96
79) Butylbenzylphthalate	20.76	149	561288	53.978	ng		89
80) Benzo(a)anthracene	21.75	228	1428511	52.326	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	203231	18.442	ng		98
82) Chrysene	21.82	228	1372975	54.368	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	794116	52.905	ng		99
84) Di-n-octyl phthalate	22.85	149	1343434	54.989	ng		96
85) Indeno(1,2,3-cd)pyrene	28.87	276	1579234	51.440	ng		99
87) Benzo(b)fluoranthene	24.02	252	1445928	55.566	ng		98
88) Benzo(k)fluoranthene	24.09	252	1377146	53.393	ng		97
89) Benzo(a)pyrene	24.92	252	1367707	55.327	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1308192	51.775	ng		98
91) Benzo(g,h,i)perylene	30.05	276	1310641	53.445	ng		98

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

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