Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035599.D
Acq On : 12 Jul 2018 17:56
Operator : JU/SJ
Sample : PB110986BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110986BS

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:33 PM

Quant Time: Jul 13 01:21:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	47626	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	186505	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	136739	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	379704	20.00	ng		0.00
75) Chrysene-d12	21.69	240	395920	20.00	ng		0.00
86) Perylene-d12	24.91	264	371340	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	425222	148.23	ng		0.00
7) Phenol-d6	7.23	99	631835	147.63	ng		0.01
23) Nitrobenzene-d5	9.22	82	395825	88.66	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	276736	153.55	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	901468	88.32	ng		0.00
78) Terphenyl-d14	20.02	244	1598803	89.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	46025	31.523	ng	#	75
3) Pyridine	3.94	79	134017	35.161	ng	#	75
4) n-Nitrosodimethylamine	3.86	42	60729	37.107	ng	#	79
6) Aniline	7.39	93	152969	27.575	ng		97
8) 2-Chlorophenol	7.63	128	135598	46.477	ng		99
9) Benzaldehyde	7.19	77	92502	35.224	ng		93
10) Phenol	7.25	94	213349	49.340	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	137292	40.543	ng		95
12) 1,3-Dichlorobenzene	7.95	146	145136	41.194	ng		96
13) 1,4-Dichlorobenzene	8.09	146	147118	41.097	ng		96
14) 1,2-Dichlorobenzene	8.41	146	142199	41.350	ng		97
15) Benzyl Alcohol	8.29	79	174863	44.991	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.58	45	162281	57.161	ng		77
17) 2-Methylphenol	8.50	107	139906	47.589	ng	#	88
18) Hexachloroethane	9.14	117	52778	38.560	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	139394	38.677	ng	#	84
20) 3+4-Methylphenols	8.83	107	197072	48.320	ng		88
22) Acetophenone	8.88	105	240973	41.549	ng	#	92
24) Nitrobenzene	9.26	77	199748	44.488	ng		97
25) Isophorone	9.78	82	383560	46.281	ng		99
26) 2-Nitrophenol	9.97	139	78077	48.963	ng	#	86
27) 2,4-Dimethylphenol	10.03	122	150376	55.710	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	200711	43.951	ng		96
29) 2,4-Dichlorophenol	10.51	162	161177	52.310	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	167399	44.306	ng		99
31) Naphthalene	10.91	128	420578	43.291	ng		99
32) Benzoic acid	10.18	122	83616	46.016	ng		91
33) 4-Chloroaniline	11.02	127	58336	13.777	ng	#	96
34) Hexachlorobutadiene	11.19	225	125991	42.764	ng		98
35) Caprolactam	11.79	113	60730m	45.929	ng		
36) 4-Chloro-3-methylphenol	12.14	107	205058	49.650	ng		93
37) 2-Methylnaphthalene	12.51	142	331041	45.737	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	224423	43.484	ng		98
40) Hexachlorocyclopentadiene	12.86	237	307599	113.646	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	151735	50.274	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	168301	49.846	ng		98
45) 1,1'-Biphenyl	13.51	154	460911	43.477	ng		99
46) 2-Chloronaphthalene	13.56	162	361302	43.815	ng		99
47) 2-Nitroaniline	13.76	65	138858	47.631	ng		96
48) Acenaphthylene	14.40	152	608524	44.054	ng		98
49) Dimethylphthalate	14.13	163	508919	42.479	ng		99
50) 2,6-Dinitrotoluene	14.25	165	115739	47.441	ng		94
51) Acenaphthene	14.74	154	362629	42.143	ng		99
52) 3-Nitroaniline	14.58	138	51916	20.821	ng	#	93
53) 2,4-Dinitrophenol	14.79	184	131603	102.851	ng	#	65
54) Dibenzofuran	15.08	168	586511	42.858	ng		92
55) 4-Nitrophenol	14.90	139	181838	102.399	ng	#	78
56) 2,4-Dinitrotoluene	15.04	165	170990	48.854	ng		91
57) Fluorene	15.72	166	501884	43.757	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	169282	52.291	ng		93
59) Diethylphthalate	15.49	149	515141	41.817	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	288488	42.794	ng		99
61) 4-Nitroaniline	15.75	138	117693	45.123	ng	#	82
62) Azobenzene	16.01	77	541059	44.527	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	95242	45.060	ng		96
65) n-Nitrosodiphenylamine	15.93	169	449399	41.581	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	192610	43.723	ng		97
67) Hexachlorobenzene	16.73	284	197919	43.628	ng		93
68) Atrazine	16.88	200	209370	47.051	ng		97
69) Pentachlorophenol	17.07	266	230771	83.517	ng		99
70) Phenanthrene	17.46	178	808474	42.671	ng		98
71) Anthracene	17.56	178	832291	44.117	ng		98
72) Carbazole	17.82	167	765864	42.747	ng		98
73) Di-n-butylphthalate	18.37	149	879576	41.544	ng	#	97
74) Fluoranthene	19.47	202	1076107	42.166	ng		97
76) Benzidine	19.65	184	371796	35.719	ng		97
77) Pyrene	19.83	202	1070988	42.781	ng		95
79) Butylbenzylphthalate	20.71	149	392073	43.795	ng		98
80) Benzo(a)anthracene	21.67	228	1081417	43.831	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	217833	25.321	ng	#	97
82) Chrysene	21.74	228	993473	43.452	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	533512	43.835	ng		99
84) Di-n-octyl phthalate	22.78	149	903225	44.322	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	1148106	45.356	ng	#	93
87) Benzo(b)fluoranthene	23.89	252	1010084	44.754	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	979518	44.392	ng	#	97
89) Benzo(a)pyrene	24.76	252	988632	47.084	ng	#	96
90) Dibenzo(a,h)anthracene	28.65	278	949810	46.076	ng	#	95
91) Benzo(g,h,i)perylene	29.73	276	947840	46.989	ng	#	95

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

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