Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035604.D
Acq On : 12 Jul 2018 21:10
Operator : JU/SJ
Sample : PB110987BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110987BS

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:35 PM

Quant Time: Jul 13 01:45:29 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	58446	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	238329	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	172380	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	462537	20.00	ng		0.00
75) Chrysene-d12	21.69	240	484746	20.00	ng		0.00
86) Perylene-d12	24.91	264	477523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	501250	142.39	ng		0.00
7) Phenol-d6	7.22	99	738949	140.69	ng		0.00
23) Nitrobenzene-d5	9.22	82	475188	83.29	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	321326	141.42	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1044216	81.16	ng		0.00
78) Terphenyl-d14	20.02	244	1818047	82.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	50305	28.076	ng	#	78
3) Pyridine	3.94	79	156851	33.533	ng	#	78
4) n-Nitrosodimethylamine	3.86	42	71199	35.450	ng	#	74
6) Aniline	7.39	93	187777	27.583	ng		100
8) 2-Chlorophenol	7.63	128	159176	44.458	ng		95
9) Benzaldehyde	7.19	77	117219	36.373	ng		94
10) Phenol	7.25	94	245958	46.351	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	160613	38.649	ng		91
12) 1,3-Dichlorobenzene	7.95	146	166424	38.492	ng		95
13) 1,4-Dichlorobenzene	8.09	146	172418	39.248	ng		98
14) 1,2-Dichlorobenzene	8.42	146	161771	38.332	ng		94
15) Benzyl Alcohol	8.30	79	203739	42.716	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.58	45	191503	54.966	ng		79
17) 2-Methylphenol	8.50	107	168110	46.596	ng	#	91
18) Hexachloroethane	9.14	117	64735	38.540	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	160111	36.201	ng	#	86
20) 3+4-Methylphenols	8.83	107	229872	45.928	ng		95
22) Acetophenone	8.88	105	284110	38.334	ng	#	92
24) Nitrobenzene	9.26	77	231018	40.264	ng		94
25) Isophorone	9.79	82	456850	43.137	ng		98
26) 2-Nitrophenol	9.97	139	93107	45.692	ng	#	91
27) 2,4-Dimethylphenol	10.03	122	174710	50.651	ng		91
28) bis(2-Chloroethoxy)methane	10.26	93	234742	40.225	ng		98
29) 2,4-Dichlorophenol	10.51	162	188043	47.758	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	195809	40.556	ng		100
31) Naphthalene	10.91	128	491458	39.586	ng		97
32) Benzoic acid	10.20	122	92992	40.048	ng		92
33) 4-Chloroaniline	11.02	127	65934	12.185	ng	#	85
34) Hexachlorobutadiene	11.19	225	144464	38.371	ng		96
35) Caprolactam	11.80	113	69977m	41.414	ng		
36) 4-Chloro-3-methylphenol	12.14	107	238089	45.112	ng		95
37) 2-Methylnaphthalene	12.51	142	395296	42.738	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	265396	40.791	ng		98
40) Hexachlorocyclopentadiene	12.86	237	364690	106.880	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	174951	45.981	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	194079	45.596	ng		99
45) 1,1'-Biphenyl	13.52	154	544292	40.727	ng		97
46) 2-Chloronaphthalene	13.56	162	423656	40.754	ng		98
47) 2-Nitroaniline	13.76	65	159016	43.268	ng		94
48) Acenaphthylene	14.40	152	705300	40.503	ng		99
49) Dimethylphthalate	14.13	163	605741	40.107	ng		99
50) 2,6-Dinitrotoluene	14.26	165	137466	44.696	ng		94
51) Acenaphthene	14.74	154	423437	39.035	ng		99
52) 3-Nitroaniline	14.58	138	61090	19.434	ng	#	91
53) 2,4-Dinitrophenol	14.79	184	152633	95.149	ng	#	66
54) Dibenzofuran	15.08	168	698177	40.470	ng		94
55) 4-Nitrophenol	14.90	139	202918	90.644	ng	#	82
56) 2,4-Dinitrotoluene	15.04	165	199827	45.289	ng		92
57) Fluorene	15.72	166	584304	40.410	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.30	232	194761	47.723	ng		95
59) Diethylphthalate	15.50	149	602893	38.822	ng		96
60) 4-Chlorophenyl-phenylether	15.71	204	340294	40.042	ng		95
61) 4-Nitroaniline	15.75	138	139001	42.273	ng	#	82
62) Azobenzene	16.01	77	632298	41.277	ng		97
64) 4,6-Dinitro-2-methylphenol	15.81	198	110363	42.863	ng		89
65) n-Nitrosodiphenylamine	15.93	169	530683	40.309	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	226074	42.129	ng		93
67) Hexachlorobenzene	16.73	284	233197	42.199	ng		97
68) Atrazine	16.88	200	243791	44.975	ng		98
69) Pentachlorophenol	17.08	266	262229	77.906	ng		99
70) Phenanthrene	17.47	178	938203	40.650	ng		97
71) Anthracene	17.56	178	972702	42.326	ng		97
72) Carbazole	17.82	167	888403	40.706	ng		98
73) Di-n-butylphthalate	18.37	149	1002685	38.878	ng	#	97
74) Fluoranthene	19.47	202	1251769	40.265	ng		97
76) Benzidine	19.65	184	396921	31.145	ng		98
77) Pyrene	19.83	202	1225668	39.988	ng		95
79) Butylbenzylphthalate	20.71	149	457758	41.763	ng	#	97
80) Benzo(a)anthracene	21.67	228	1253543	41.497	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	246114	23.366	ng		96
82) Chrysene	21.74	228	1159550	41.423	ng		96
83) Bis(2-ethylhexyl)phthalate	21.57	149	625244	41.959	ng		100
84) Di-n-octyl phthalate	22.78	149	1059779	42.475	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	1358541	43.835	ng	#	85
87) Benzo(b)fluoranthene	23.89	252	1180771	40.683	ng	#	98
88) Benzo(k)fluoranthene	23.96	252	1156735	40.766	ng	#	97
89) Benzo(a)pyrene	24.76	252	1166907	43.217	ng	#	97
90) Dibenzo(a,h)anthracene	28.64	278	1112173	41.955	ng	#	95
91) Benzo(g,h,i)perylene	29.74	276	1123403	43.308	ng	#	96

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

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