Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035623.D
Acq On : 13 Jul 2018 10:08
Operator : JU/SJ
Sample : PB111025BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111025BS

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:40 PM

Quant Time: Jul 13 12:09:45 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	47286	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	196186	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	137294	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	372465	20.00	ng		0.00
75) Chrysene-d12	21.69	240	384466	20.00	ng		0.00
86) Perylene-d12	24.91	264	374871	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	420255	147.55	ng		0.00
7) Phenol-d6	7.22	99	633246	149.02	ng		0.00
23) Nitrobenzene-d5	9.22	82	395429	84.20	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	263666	145.70	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	885708	86.43	ng		0.00
78) Terphenyl-d14	20.02	244	1528219	87.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	44031	30.374	ng	#	78
3) Pyridine	3.94	79	131011	34.619	ng	#	77
4) n-Nitrosodimethylamine	3.86	42	59662	36.717	ng	#	67
6) Aniline	7.38	93	199148	36.157	ng		97
8) 2-Chlorophenol	7.63	128	137411	47.437	ng		95
9) Benzaldehyde	7.20	77	92162	35.347	ng		94
10) Phenol	7.25	94	212546	49.508	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	133118	39.593	ng		97
12) 1,3-Dichlorobenzene	7.95	146	140184	40.075	ng		95
13) 1,4-Dichlorobenzene	8.09	146	144545	40.669	ng		95
14) 1,2-Dichlorobenzene	8.41	146	139464	40.846	ng		98
15) Benzyl Alcohol	8.29	79	171331	44.399	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.58	45	164084	58.211	ng		82
17) 2-Methylphenol	8.50	107	141806	48.582	ng	#	90
18) Hexachloroethane	9.14	117	54014	39.747	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	135945	37.991	ng	#	86
20) 3+4-Methylphenols	8.83	107	201352	49.725	ng		92
22) Acetophenone	8.88	105	237896	38.994	ng	#	93
24) Nitrobenzene	9.26	77	195358	41.363	ng		97
25) Isophorone	9.78	82	390206	44.759	ng		99
26) 2-Nitrophenol	9.97	139	76883	45.835	ng	#	83
27) 2,4-Dimethylphenol	10.03	122	152879	53.843	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	202323	42.117	ng		92
29) 2,4-Dichlorophenol	10.51	162	161641	49.871	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	162655	40.926	ng		97
31) Naphthalene	10.91	128	421451	41.240	ng		99
32) Benzoic acid	10.19	122	68628	35.904	ng		87
33) 4-Chloroaniline	11.02	127	64849	14.559	ng	#	88
34) Hexachlorobutadiene	11.19	225	121507	39.207	ng		93
35) Caprolactam	11.80	113	57988m	41.691	ng		
36) 4-Chloro-3-methylphenol	12.14	107	200659	46.187	ng		98
37) 2-Methylnaphthalene	12.51	142	338698	44.485	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	222817	42.999	ng		98
40) Hexachlorocyclopentadiene	12.86	237	308240	113.422	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	145645	48.061	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	156030	46.025	ng		94
45) 1,1'-Biphenyl	13.51	154	463694	43.563	ng		95
46) 2-Chloronaphthalene	13.56	162	364014	43.965	ng		99
47) 2-Nitroaniline	13.76	65	134439	45.929	ng		98
48) Acenaphthylene	14.40	152	607796	43.823	ng		98
49) Dimethylphthalate	14.13	163	508953	42.311	ng		99
50) 2,6-Dinitrotoluene	14.25	165	114639	46.800	ng		92
51) Acenaphthene	14.74	154	360622	41.740	ng		98
52) 3-Nitroaniline	14.58	138	70959	28.343	ng	#	97
53) 2,4-Dinitrophenol	14.79	184	88363	70.959	ng	#	66
54) Dibenzofuran	15.08	168	592227	43.101	ng		92
55) 4-Nitrophenol	14.90	139	173188	97.134	ng	#	75
56) 2,4-Dinitrotoluene	15.04	165	169174	48.140	ng		96
57) Fluorene	15.72	166	489631	42.516	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	158403	48.733	ng		96
59) Diethylphthalate	15.49	149	512139	41.405	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	285953	42.246	ng		94
61) 4-Nitroaniline	15.75	138	116723	44.570	ng	#	72
62) Azobenzene	16.01	77	542478	44.463	ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	84099	40.561	ng		91
65) n-Nitrosodiphenylamine	15.93	169	443857	41.866	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	189387	43.827	ng		96
67) Hexachlorobenzene	16.73	284	196699	44.202	ng		99
68) Atrazine	16.87	200	197259	45.191	ng		97
69) Pentachlorophenol	17.07	266	208888	77.066	ng		98
70) Phenanthrene	17.46	178	794377	42.742	ng		96
71) Anthracene	17.56	178	823982	44.525	ng		98
72) Carbazole	17.82	167	745861	42.439	ng		98
73) Di-n-butylphthalate	18.37	149	854210	41.130	ng	#	97
74) Fluoranthene	19.47	202	1052265	42.033	ng		96
76) Benzidine	19.65	184	539141	53.340	ng		98
77) Pyrene	19.83	202	1043599	42.928	ng		96
79) Butylbenzylphthalate	20.71	149	383239	44.084	ng	#	97
80) Benzo(a)anthracene	21.67	228	1040851	43.443	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	222173	26.595	ng		97
82) Chrysene	21.73	228	967600	43.582	ng		96
83) Bis(2-ethylhexyl)phthalate	21.57	149	514907	43.567	ng	#	98
84) Di-n-octyl phthalate	22.77	149	872892	44.110	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	1107243	45.045	ng	#	90
87) Benzo(b)fluoranthene	23.88	252	990757	43.484	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	963228	43.242	ng	#	97
89) Benzo(a)pyrene	24.76	252	963059	45.434	ng	#	96
90) Dibenzo(a,h)anthracene	28.64	278	920424	44.230	ng	#	98
91) Benzo(g,h,i)perylene	29.73	276	926785	45.512	ng	#	94

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

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