Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
Data File : BG035836.D
Acq On : 23 Jul 2018 20:32
Operator : JU/SJ
Sample : IDOC HP-4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC HP-4

Quant Time: Jul 24 02:21:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34880	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	133095	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	95491	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	266278	20.00	ng		0.00
75) Chrysene-d12	21.66	240	316690	20.00	ng		0.00
86) Perylene-d12	24.85	264	307878	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	160611	76.45	ng		0.00
7) Phenol-d6	7.20	99	232747	74.25	ng		0.00
23) Nitrobenzene-d5	9.19	82	152318	47.81	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	108914	86.53	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	362146	50.81	ng		-0.01
78) Terphenyl-d14	20.00	244	750743	52.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	18137	16.962	ng		87
3) Pyridine	3.94	79	2031	0.728	ng	#	83
4) n-Nitrosodimethylamine	3.83	42	22431	18.714	ng	#	72
6) Aniline	7.36	93	30693	7.555	ng		95
8) 2-Chlorophenol	7.59	128	52605	24.619	ng		99
9) Benzaldehyde	7.17	77	41499	21.577	ng		93
10) Phenol	7.22	94	83345	26.318	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	55051	22.197	ng		88
12) 1,3-Dichlorobenzene	7.92	146	60893	23.599	ng		90
13) 1,4-Dichlorobenzene	8.06	146	61895	23.609	ng		95
14) 1,2-Dichlorobenzene	8.38	146	60123	23.872	ng		90
15) Benzyl Alcohol	8.26	79	58357	20.502	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	61836	29.740	ng		81
17) 2-Methylphenol	8.47	107	52120	24.207	ng	#	87
18) Hexachloroethane	9.10	117	23367	23.311	ng		92
19) n-Nitroso-di-n-propylamine	8.82	70	50400	19.094	ng	#	83
20) 3+4-Methylphenols	8.80	107	69557	23.287	ng		93
22) Acetophenone	8.85	105	94943	22.939	ng	#	91
24) Nitrobenzene	9.23	77	74694	23.312	ng		95
25) Isophorone	9.74	82	141079	23.854	ng		98
26) 2-Nitrophenol	9.94	139	30470	26.776	ng	#	91
27) 2,4-Dimethylphenol	10.00	122	54150	28.112	ng		92
28) bis(2-Chloroethoxy)methane	10.23	93	76314	23.417	ng		98
29) 2,4-Dichlorophenol	10.48	162	61368	27.909	ng		91
30) 1,2,4-Trichlorobenzene	10.69	180	70850	26.277	ng		95
31) Naphthalene	10.88	128	170307	24.565	ng		98
33) 4-Chloroaniline	11.00	127	35646	11.797	ng		97
34) Hexachlorobutadiene	11.16	225	53237	25.321	ng		99
35) Caprolactam	11.74	113	13279	14.073	ng	#	56
36) 4-Chloro-3-methylphenol	12.11	107	73804	25.041	ng		93
37) 2-Methylnaphthalene	12.48	142	130055	25.179	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	92981	25.798	ng		99
40) Hexachlorocyclopentadiene	12.82	237	100291	53.059	ng		91
42) 2,4,6-Trichlorophenol	13.09	196	55942	26.541	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	62586	26.543	ng		96
45) 1,1'-Biphenyl	13.49	154	183274	24.756	ng		99
46) 2-Chloronaphthalene	13.53	162	145256	25.224	ng		99
47) 2-Nitroaniline	13.73	65	47519	23.341	ng		99
48) Acenaphthylene	14.37	152	236414	24.508	ng		97
49) Dimethylphthalate	14.10	163	228737	27.340	ng	#	98
50) 2,6-Dinitrotoluene	14.22	165	45611	26.771	ng		91
51) Acenaphthene	14.71	154	139590	23.230	ng		99
52) 3-Nitroaniline	14.56	138	34247	19.667	ng	#	91
53) 2,4-Dinitrophenol	14.77	184	28688	36.633	ng	#	70
54) Dibenzofuran	15.05	168	239259	25.036	ng		97
55) 4-Nitrophenol	14.87	139	65591	52.892	ng		86
56) 2,4-Dinitrotoluene	15.01	165	69020	28.238	ng	#	79
57) Fluorene	15.70	166	200068	24.978	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.28	232	60821	26.903	ng		94
59) Diethylphthalate	15.46	149	203826	23.693	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	113947	24.204	ng		96
61) 4-Nitroaniline	15.72	138	42448	23.304	ng	#	74
62) Azobenzene	15.98	77	207293	24.428	ng		93
64) 4,6-Dinitro-2-methylphenol	15.78	198	30681	20.699	ng		82
65) n-Nitrosodiphenylamine	15.90	169	179398	23.670	ng		100
66) 4-Bromophenyl-phenylether	16.58	248	75999	24.601	ng		96
67) Hexachlorobenzene	16.70	284	77018	24.209	ng		93
68) Atrazine	16.85	200	83213	26.666	ng		93
69) Pentachlorophenol	17.05	266	65541	33.823	ng		98
70) Phenanthrene	17.43	178	337537	25.404	ng		99
71) Anthracene	17.53	178	340510	25.738	ng		98
72) Carbazole	17.80	167	319115	25.398	ng		99
73) Di-n-butylphthalate	18.35	149	374280	25.208	ng	#	99
74) Fluoranthene	19.44	202	469517	26.234	ng		97
76) Benzidine	19.64	184	5935	0.713	ng	#	82
77) Pyrene	19.80	202	478021	23.872	ng		99
79) Butylbenzylphthalate	20.68	149	182115	25.432	ng		97
80) Benzo(a)anthracene	21.63	228	496972	25.182	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	121567	17.666	ng	#	97
82) Chrysene	21.70	228	465912	25.476	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	252092	25.895	ng		99
84) Di-n-octyl phthalate	22.74	149	423482	25.980	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.48	276	507212	25.051	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	478640	25.578	ng	#	94
88) Benzo(k)fluoranthene	23.90	252	448302	24.505	ng	#	97
89) Benzo(a)pyrene	24.70	252	452110	25.970	ng	#	98
90) Dibenzo(a,h)anthracene	28.55	278	426457	24.952	ng	#	97
91) Benzo(g,h,i)perylene	29.63	276	432205	25.843	ng	#	94

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

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