Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030904.D
Acq On : 10 Nov 2017 12:24
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC025

Quant Time: Nov 10 13:50:17 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 13:42:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42322	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	196045	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	133871	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	346548	20.00	ng		0.00
75) Chrysene-d12	21.80	240	396014	20.00	ng		0.02
86) Perylene-d12	25.14	264	399312	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	127053	50.15	ng		0.00
7) Phenol-d6	7.31	99	170258	47.88	ng		0.00
23) Nitrobenzene-d5	9.32	82	165751	53.73	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	109822	63.54	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	483691	52.99	ng		0.00
78) Terphenyl-d14	20.11	244	935950	53.77	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	25873	25.171	ng	#	80
3) Pyridine	3.97	79	73540	24.568	ng		89
4) n-Nitrosodimethylamine	3.88	42	34302	24.515	ng	#	92
6) Aniline	7.46	93	111747	25.377	ng		94
8) 2-Chlorophenol	7.71	128	70501	24.278	ng		90
9) Benzaldehyde	7.28	77	60386	33.761	ng		89
10) Phenol	7.34	94	88288	23.029	ng		92
11) bis(2-Chloroethyl)ether	7.56	93	69400	24.846	ng		89
12) 1,3-Dichlorobenzene	8.03	146	79580	24.410	ng		95
13) 1,4-Dichlorobenzene	8.18	146	82037	24.646	ng		98
14) 1,2-Dichlorobenzene	8.50	146	79852	24.872	ng		95
15) Benzyl Alcohol	8.38	79	67603	26.977	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.67	45	76873	16.206	ng		92
17) 2-Methylphenol	8.59	107	60254	23.659	ng		97
18) Hexachloroethane	9.23	117	28612	25.224	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	65476	27.080	ng	#	98
20) 3+4-Methylphenols	8.92	107	86692	24.159	ng		95
22) Acetophenone	8.97	105	123682	26.178	ng	#	93
24) Nitrobenzene	9.36	77	83357	24.031	ng		88
25) Isophorone	9.88	82	161804	25.123	ng	#	92
26) 2-Nitrophenol	10.07	139	43987	26.533	ng		91
27) 2,4-Dimethylphenol	10.13	122	65902	21.971	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	101710	25.755	ng		94
29) 2,4-Dichlorophenol	10.62	162	79495	24.853	ng		92
30) 1,2,4-Trichlorobenzene	10.83	180	93364	27.018	ng		96
31) Naphthalene	11.01	128	241601	24.728	ng		98
32) Benzoic acid	10.26	122	45361	18.061	ng		90
33) 4-Chloroaniline	11.12	127	106892	26.008	ng		96
34) Hexachlorobutadiene	11.30	225	65533	30.502	ng		94
35) Caprolactam	11.88	113	32296	30.381	ng	#	83
36) 4-Chloro-3-methylphenol	12.24	107	87969	25.006	ng		90
37) 2-Methylnaphthalene	12.61	142	188139	26.421	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	135237	27.669	ng	#	95
40) Hexachlorocyclopentadiene	12.95	237	29369	17.787	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	77878	25.382	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	83823	26.602	ng	#	93
45) 1,1'-Biphenyl	13.60	154	283591	24.646	ng		99
46) 2-Chloronaphthalene	13.65	162	205022	24.427	ng		97
47) 2-Nitroaniline	13.85	65	60952	26.439	ng	#	80
48) Acenaphthylene	14.50	152	341099	25.968	ng		98
49) Dimethylphthalate	14.22	163	299459	28.670	ng		99
50) 2,6-Dinitrotoluene	14.34	165	62845	28.702	ng	#	75
51) Acenaphthene	14.83	154	208593	24.407	ng		99
52) 3-Nitroaniline	14.67	138	65436	27.695	ng	#	79
53) 2,4-Dinitrophenol	14.89	184	26663	26.118	ng	#	45
54) Dibenzofuran	15.17	168	337202	27.638	ng		99
55) 4-Nitrophenol	15.00	139	45977	23.603	ng		86
56) 2,4-Dinitrotoluene	15.13	165	89358	30.147	ng	#	75
57) Fluorene	15.81	166	271358	26.923	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	81375	30.954	ng	#	87
59) Diethylphthalate	15.57	149	305125	29.312	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	164694	30.648	ng		94
61) 4-Nitroaniline	15.83	138	71362	29.414	ng		91
62) Azobenzene	16.10	77	229244	26.116	ng		95
64) 4,6-Dinitro-2-methylphenol	15.90	198	57052	31.277	ng	#	74
65) n-Nitrosodiphenylamine	16.01	169	269787	25.988	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	109714	27.590	ng		94
67) Hexachlorobenzene	16.82	284	119685	26.571	ng		91
68) Atrazine	16.95	200	110064	29.714	ng		99
69) Pentachlorophenol	17.17	266	60941	23.552	ng		96
70) Phenanthrene	17.56	178	461143	25.758	ng		99
71) Anthracene	17.65	178	468084	26.038	ng		100
72) Carbazole	17.92	167	434020	25.133	ng		97
73) Di-n-butylphthalate	18.46	149	529373	26.654	ng		99
74) Fluoranthene	19.56	202	588220	28.091	ng		99
76) Benzidine	19.73	184	326232	27.284	ng		98
77) Pyrene	19.92	202	603890	25.138	ng		99
79) Butylbenzylphthalate	20.79	149	239180	23.369	ng	#	84
80) Benzo(a)anthracene	21.78	228	620730	26.697	ng		99
81) 3,3'-Dichlorobenzidine	21.69	252	257390	26.820	ng	#	97
82) Chrysene	21.85	228	579825	26.040	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	349696	23.808	ng	#	98
84) Di-n-octyl phthalate	22.91	149	562602	21.977	ng		95
85) Indeno(1,2,3-cd)pyrene	28.97	276	698194	25.487	ng	#	80
87) Benzo(b)fluoranthene	24.07	252	618208	27.042	ng	#	98
88) Benzo(k)fluoranthene	24.14	252	609276	26.752	ng		97
89) Benzo(a)pyrene	24.98	252	581819	26.474	ng		98
90) Dibenzo(a,h)anthracene	29.05	278	599144	26.928	ng	#	97
91) Benzo(g,h,i)perylene	30.18	276	567941	27.472	ng		96

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

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