Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030906.D
Acq On : 10 Nov 2017 13:39
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Nov 10 14:15:21 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	43385	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	204099	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	140713	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	355002	20.00	ng		0.00
75) Chrysene-d12	21.80	240	389133	20.00	ng		0.01
86) Perylene-d12	25.12	264	388002	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	256009	98.58	ng		0.00
7) Phenol-d6	7.31	99	352438	96.68	ng		0.00
23) Nitrobenzene-d5	9.32	82	343144	106.84	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	226585	124.72	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	965924	100.68	ng		0.00
78) Terphenyl-d14	20.10	244	1716888	100.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	50311	47.746	ng		85
3) Pyridine	3.96	79	153409	49.995	ng		91
4) n-Nitrosodimethylamine	3.88	42	71521	49.863	ng	#	94
6) Aniline	7.46	93	225364	49.925	ng		96
8) 2-Chlorophenol	7.71	128	139258	46.781	ng		90
9) Benzaldehyde	7.28	77	121751	66.402	ng		89
10) Phenol	7.34	94	181337	46.141	ng		94
11) bis(2-Chloroethyl)ether	7.56	93	147448	51.495	ng		91
12) 1,3-Dichlorobenzene	8.03	146	164562	49.239	ng		97
13) 1,4-Dichlorobenzene	8.18	146	167651	49.133	ng		94
14) 1,2-Dichlorobenzene	8.50	146	158508	48.161	ng		96
15) Benzyl Alcohol	8.38	79	142825	55.597	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	158843	32.665	ng		93
17) 2-Methylphenol	8.59	107	124295	47.610	ng		97
18) Hexachloroethane	9.23	117	58933	50.681	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	135310	54.590	ng	#	96
20) 3+4-Methylphenols	8.92	107	184390	50.126	ng		96
22) Acetophenone	8.97	105	252679	51.371	ng	#	94
24) Nitrobenzene	9.36	77	174248	48.252	ng		89
25) Isophorone	9.88	82	344897	51.439	ng	#	94
26) 2-Nitrophenol	10.07	139	95910	55.569	ng	#	88
27) 2,4-Dimethylphenol	10.13	122	138516	44.358	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	212331	51.644	ng		97
29) 2,4-Dichlorophenol	10.61	162	167712	50.364	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	195846	54.439	ng		98
31) Naphthalene	11.01	128	498462	49.004	ng		98
32) Benzoic acid	10.29	122	112122	42.882	ng	#	83
33) 4-Chloroaniline	11.12	127	224047	52.363	ng		95
34) Hexachlorobutadiene	11.29	225	134380	60.077	ng		96
35) Caprolactam	11.90	113	66491	60.080	ng	#	74
36) 4-Chloro-3-methylphenol	12.24	107	178360	48.699	ng	#	86
37) 2-Methylnaphthalene	12.61	142	388834	52.450	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	280649	54.628	ng		96
40) Hexachlorocyclopentadiene	12.95	237	90391	52.082	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	165565	51.337	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	175240	52.909	ng		95
45) 1,1'-Biphenyl	13.60	154	578177	47.804	ng		97
46) 2-Chloronaphthalene	13.65	162	424584	48.127	ng		97
47) 2-Nitroaniline	13.85	65	130379	53.805	ng		89
48) Acenaphthylene	14.50	152	694208	50.280	ng		99
49) Dimethylphthalate	14.22	163	602889	54.914	ng		99
50) 2,6-Dinitrotoluene	14.34	165	129497	56.266	ng	#	80
51) Acenaphthene	14.83	154	434012	48.313	ng		98
52) 3-Nitroaniline	14.67	138	135550	54.581	ng	#	80
53) 2,4-Dinitrophenol	14.89	184	64367	59.987	ng	#	51
54) Dibenzofuran	15.17	168	685591	53.460	ng		99
55) 4-Nitrophenol	15.00	139	97653	47.695	ng	#	80
56) 2,4-Dinitrotoluene	15.13	165	185670	59.595	ng	#	74
57) Fluorene	15.81	166	546854	51.619	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	168424	60.951	ng	#	89
59) Diethylphthalate	15.57	149	606476	55.429	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	336567	59.586	ng		93
61) 4-Nitroaniline	15.84	138	142566	55.906	ng		89
62) Azobenzene	16.09	77	473283	51.296	ng		95
64) 4,6-Dinitro-2-methylphenol	15.90	198	124804	66.791	ng	#	74
65) n-Nitrosodiphenylamine	16.01	169	538048	50.595	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	227585	55.869	ng		95
67) Hexachlorobenzene	16.82	284	237852	51.547	ng	#	93
68) Atrazine	16.96	200	213791	56.343	ng		98
69) Pentachlorophenol	17.17	266	138841	52.380	ng		99
70) Phenanthrene	17.55	178	914801	49.881	ng		98
71) Anthracene	17.65	178	916066	49.745	ng		100
72) Carbazole	17.92	167	854961	48.330	ng		100
73) Di-n-butylphthalate	18.45	149	1034212	50.832	ng		100
74) Fluoranthene	19.56	202	1127792	52.577	ng		97
76) Benzidine	19.73	184	644161	54.825	ng		96
77) Pyrene	19.92	202	1155998	48.971	ng		97
79) Butylbenzylphthalate	20.78	149	458074	45.548	ng		85
80) Benzo(a)anthracene	21.78	228	1178510	51.583	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	485645	51.499	ng	#	97
82) Chrysene	21.84	228	1100500	50.297	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	641984	44.480	ng	#	99
84) Di-n-octyl phthalate	22.89	149	1059020	42.100	ng		96
85) Indeno(1,2,3-cd)pyrene	28.96	276	1351240	50.198	ng		95
87) Benzo(b)fluoranthene	24.06	252	1183768	53.291	ng		99
88) Benzo(k)fluoranthene	24.13	252	1138737	51.456	ng		97
89) Benzo(a)pyrene	24.97	252	1107967	51.884	ng		98
90) Dibenzo(a,h)anthracene	29.00	278	1144827	52.953	ng		97
91) Benzo(g,h,i)perylene	30.14	276	1111779	55.346	ng		96

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

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