Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG090717\
Data File : BG028594.D
Acq On : 7 Sep 2017 15:16
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC025

Quant Time: Sep 07 17:01:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 16:57:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	37575	20.00	ng		0.00
21) Naphthalene-d8	11.16	136	155258	20.00	ng		0.00
38) Acenaphthene-d10	14.95	164	103869	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	261208	20.00	ng		0.00
75) Chrysene-d12	22.03	240	307810	20.00	ng		0.00
86) Perylene-d12	25.55	264	298802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	109166	51.97	ng		0.00
7) Phenol-d6	7.49	99	157861	52.16	ng		0.00
23) Nitrobenzene-d5	9.51	82	169293	60.93	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	79317	51.53	ng		0.00
44) 2-Fluorobiphenyl	13.57	172	401104	50.93	ng		0.00
78) Terphenyl-d14	20.28	244	721649	53.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	22170	28.345	ng		94
3) Pyridine	4.25	79	68346	30.465	ng		91
4) n-Nitrosodimethylamine	4.17	42	32676	25.926	ng	#	75
6) Aniline	7.66	93	103642	29.415	ng		97
8) 2-Chlorophenol	7.91	128	61822	25.727	ng		93
9) Benzaldehyde	7.49	77	51683	31.192	ng		99
10) Phenol	7.52	94	87162	27.469	ng		84
11) bis(2-Chloroethyl)ether	7.75	93	62393	26.819	ng		95
12) 1,3-Dichlorobenzene	8.23	146	73177	26.005	ng		94
13) 1,4-Dichlorobenzene	8.37	146	73397	25.213	ng		100
14) 1,2-Dichlorobenzene	8.70	146	70387	24.904	ng		94
15) Benzyl Alcohol	8.57	79	64560	34.909	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.85	45	131541	28.032	ng		97
17) 2-Methylphenol	8.77	107	54847	26.275	ng		92
18) Hexachloroethane	9.42	117	27904	29.463	ng		89
19) n-Nitroso-di-n-propylamine	9.13	70	62888	29.762	ng	#	92
20) 3+4-Methylphenols	9.10	107	76604	26.129	ng		96
22) Acetophenone	9.16	105	107549	28.728	ng	#	90
24) Nitrobenzene	9.55	77	87478	29.932	ng		94
25) Isophorone	10.06	82	153821	28.980	ng		97
26) 2-Nitrophenol	10.26	139	37240	26.568	ng		90
27) 2,4-Dimethylphenol	10.31	122	63923	25.980	ng		98
28) bis(2-Chloroethoxy)methane	10.54	93	92617	29.862	ng		95
29) 2,4-Dichlorophenol	10.80	162	66428	24.937	ng		93
30) 1,2,4-Trichlorobenzene	11.02	180	78014	26.122	ng		97
31) Naphthalene	11.21	128	206191	26.637	ng		96
32) Benzoic acid	10.43	122	39890	33.323	ng		91
33) 4-Chloroaniline	11.32	127	88056	27.834	ng		94
34) Hexachlorobutadiene	11.48	225	57419	27.544	ng		99
35) Caprolactam	12.08	113	25455	31.235	ng		95
36) 4-Chloro-3-methylphenol	12.41	107	84017	29.235	ng		98
37) 2-Methylnaphthalene	12.79	142	154382	26.127	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.16	216	101608	24.741	ng	#	96
40) Hexachlorocyclopentadiene	13.13	237	29927	15.614	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	63320	25.428	ng		89
43) 2,4,5-Trichlorophenol	13.47	196	64707	24.678	ng	#	93
45) 1,1'-Biphenyl	13.78	154	218863	24.522	ng		97
46) 2-Chloronaphthalene	13.83	162	165143	25.410	ng		99
47) 2-Nitroaniline	14.03	65	68234	35.140	ng		98
48) Acenaphthylene	14.68	152	258879	25.032	ng		96
49) Dimethylphthalate	14.39	163	214491	24.730	ng		99
50) 2,6-Dinitrotoluene	14.52	165	48340	26.089	ng		88
51) Acenaphthene	15.01	154	155468	23.960	ng		98
52) 3-Nitroaniline	14.86	138	50489	28.751	ng	#	84
53) 2,4-Dinitrophenol	15.07	184	23464	22.319	ng		84
54) Dibenzofuran	15.35	168	243392	24.545	ng		93
55) 4-Nitrophenol	15.17	139	33102	25.229	ng	#	82
56) 2,4-Dinitrotoluene	15.31	165	69715	27.214	ng	#	86
57) Fluorene	15.99	166	222434	25.105	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.58	232	57177	24.550	ng	#	96
59) Diethylphthalate	15.74	149	224210	26.665	ng		97
60) 4-Chlorophenyl-phenylether	15.98	204	123454	25.270	ng		94
61) 4-Nitroaniline	16.02	138	53646	28.575	ng		88
62) Azobenzene	16.27	77	201815	30.617	ng		94
64) 4,6-Dinitro-2-methylphenol	16.08	198	43721	25.110	ng		84
65) n-Nitrosodiphenylamine	16.19	169	190456	24.977	ng		97
66) 4-Bromophenyl-phenylether	16.87	248	82274	25.250	ng		95
67) Hexachlorobenzene	17.00	284	89652	25.249	ng		94
68) Atrazine	17.13	200	69564	23.785	ng		97
69) Pentachlorophenol	17.35	266	41670	20.961	ng		94
70) Phenanthrene	17.74	178	344982	25.249	ng		96
71) Anthracene	17.83	178	350795	25.781	ng		97
72) Carbazole	18.10	167	320724	26.186	ng	#	94
73) Di-n-butylphthalate	18.63	149	378515	28.126	ng	#	94
74) Fluoranthene	19.74	202	446334	27.204	ng		92
76) Benzidine	19.91	184	177648	24.725	ng		96
77) Pyrene	20.11	202	469029	28.509	ng		95
79) Butylbenzylphthalate	20.96	149	176066	29.791	ng		91
80) Benzo(a)anthracene	22.01	228	466382	27.563	ng		93
81) 3,3'-Dichlorobenzidine	21.91	252	184438	27.721	ng	#	99
82) Chrysene	22.09	228	436386	26.957	ng		97
83) Bis(2-ethylhexyl)phthalate	21.86	149	254964	29.634	ng		97
84) Di-n-octyl phthalate	23.17	149	439527	30.094	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.59	276	519334	27.744	ng		99
87) Benzo(b)fluoranthene	24.42	252	470712	26.959	ng		97
88) Benzo(k)fluoranthene	24.49	252	437983	25.094	ng		94
89) Benzo(a)pyrene	25.38	252	439458	26.685	ng		98
90) Dibenzo(a,h)anthracene	29.64	278	449626	27.041	ng		98
91) Benzo(g,h,i)perylene	30.84	276	445428	27.795	ng		98

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

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