Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031503.D
Acq On : 12 Dec 2017 22:40
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 13 05:56:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	67785	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	294764	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	193894	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	492229	20.00	ng		0.00
75) Chrysene-d12	21.75	240	533108	20.00	ng		0.00
86) Perylene-d12	25.03	264	537818	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	301727	78.90	ng		0.00
7) Phenol-d6	7.28	99	405288	76.34	ng		0.00
23) Nitrobenzene-d5	9.27	82	373434	78.09	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	188158	82.83	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	1021665	77.34	ng		0.00
78) Terphenyl-d14	20.07	244	1733464	73.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	65699	36.006	ng	#	82
3) Pyridine	3.93	79	179466	37.356	ng		89
4) n-Nitrosodimethylamine	3.84	42	79216	35.007	ng	#	89
6) Aniline	7.43	93	259115	37.061	ng		94
8) 2-Chlorophenol	7.68	128	164166	38.485	ng		89
9) Benzaldehyde	7.25	77	111496	36.232	ng		93
10) Phenol	7.30	94	207716	38.087	ng		92
11) bis(2-Chloroethyl)ether	7.52	93	167743	37.685	ng		90
12) 1,3-Dichlorobenzene	8.00	146	191965	37.842	ng		97
13) 1,4-Dichlorobenzene	8.15	146	196957	37.358	ng		97
14) 1,2-Dichlorobenzene	8.46	146	187564	37.347	ng		97
15) Benzyl Alcohol	8.35	79	146351	35.240	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	172899	34.575	ng		91
17) 2-Methylphenol	8.56	107	141810	38.146	ng		97
18) Hexachloroethane	9.19	117	65925	37.096	ng		91
19) n-Nitroso-di-n-propylamine	8.91	70	142069	33.999	ng	#	94
20) 3+4-Methylphenols	8.89	107	195896	35.373	ng		98
22) Acetophenone	8.93	105	277344	39.221	ng	#	92
24) Nitrobenzene	9.32	77	185779	37.910	ng		91
25) Isophorone	9.84	82	343851	38.046	ng	#	93
26) 2-Nitrophenol	10.04	139	99903	41.228	ng	#	87
27) 2,4-Dimethylphenol	10.09	122	143790	39.062	ng		96
28) bis(2-Chloroethoxy)methane	10.31	93	229884	39.399	ng		96
29) 2,4-Dichlorophenol	10.58	162	177204	40.859	ng		87
30) 1,2,4-Trichlorobenzene	10.78	180	213816	38.596	ng		99
31) Naphthalene	10.97	128	544076	37.572	ng		98
32) Benzoic acid	10.26	122	73286	37.690	ng		88
33) 4-Chloroaniline	11.08	127	237575	37.785	ng		96
34) Hexachlorobutadiene	11.25	225	143614	39.082	ng		92
35) Caprolactam	11.85	113	61794	36.286	ng	#	74
36) 4-Chloro-3-methylphenol	12.21	107	182463	36.858	ng		86
37) 2-Methylnaphthalene	12.57	142	410767	36.636	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	295303	38.969	ng	#	97
40) Hexachlorocyclopentadiene	12.91	237	68128	37.707	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	161131	41.618	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	171804	41.195	ng		95
45) 1,1'-Biphenyl	13.56	154	615363	38.641	ng		96
46) 2-Chloronaphthalene	13.62	162	449301	38.547	ng		97
47) 2-Nitroaniline	13.82	65	124786	38.099	ng	#	76
48) Acenaphthylene	14.46	152	716544	38.205	ng		99
49) Dimethylphthalate	14.18	163	612866	38.179	ng		100
50) 2,6-Dinitrotoluene	14.31	165	132189	38.526	ng	#	76
51) Acenaphthene	14.80	154	450284	37.970	ng		98
52) 3-Nitroaniline	14.64	138	135310	38.686	ng	#	81
53) 2,4-Dinitrophenol	14.86	184	42974	35.668	ng	#	53
54) Dibenzofuran	15.13	168	707898	37.407	ng		99
55) 4-Nitrophenol	14.97	139	83252	37.209	ng	#	81
56) 2,4-Dinitrotoluene	15.10	165	191038	39.201	ng	#	74
57) Fluorene	15.78	166	572070	37.727	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	161313	41.150	ng	#	89
59) Diethylphthalate	15.53	149	619484	38.500	ng		97
60) 4-Chlorophenyl-phenylether	15.76	204	343910	37.071	ng		93
61) 4-Nitroaniline	15.80	138	144735	39.432	ng		91
62) Azobenzene	16.05	77	486811	36.523	ng		94
64) 4,6-Dinitro-2-methylphenol	15.87	198	111424	38.483	ng		81
65) n-Nitrosodiphenylamine	15.98	169	555913	38.584	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	218534	38.180	ng		98
67) Hexachlorobenzene	16.78	284	226081	38.251	ng		96
68) Atrazine	16.92	200	211908	40.225	ng		98
69) Pentachlorophenol	17.14	266	93141	36.125	ng		97
70) Phenanthrene	17.52	178	955072	37.152	ng		99
71) Anthracene	17.61	178	964633	37.941	ng		99
72) Carbazole	17.88	167	897777	39.020	ng		99
73) Di-n-butylphthalate	18.41	149	1057060	39.784	ng		99
74) Fluoranthene	19.52	202	1222143	37.988	ng		98
76) Benzidine	19.69	184	494298	39.842	ng		98
77) Pyrene	19.88	202	1256327	37.927	ng		98
79) Butylbenzylphthalate	20.74	149	486847	41.895	ng		86
80) Benzo(a)anthracene	21.72	228	1231192	38.262	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	473666	42.296	ng		99
82) Chrysene	21.79	228	1167592	37.850	ng		96
83) Bis(2-ethylhexyl)phthalate	21.60	149	677411	40.518	ng		100
84) Di-n-octyl phthalate	22.82	149	1145756	41.546	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.80	276	1333912	40.462	ng		99
87) Benzo(b)fluoranthene	23.99	252	1202479	37.398	ng		99
88) Benzo(k)fluoranthene	24.05	252	1239584	37.777	ng		98
89) Benzo(a)pyrene	24.87	252	1161904	38.093	ng		97
90) Dibenzo(a,h)anthracene	28.86	278	1135521	38.930	ng		98
91) Benzo(g,h,i)perylene	29.98	276	1099110	38.329	ng		98

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

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