Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121117\
Data File : BG031456.D
Acq On : 11 Dec 2017 15:22
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Dec 11 16:38:01 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 16:31:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	44051	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	217889	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	152504	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	383541	20.00	ng		0.00
75) Chrysene-d12	21.75	240	410528	20.00	ng		0.00
86) Perylene-d12	25.03	264	404565	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	264372	102.91	ng		0.00
7) Phenol-d6	7.28	99	370211	106.97	ng		0.00
23) Nitrobenzene-d5	9.27	82	365995	99.53	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	184960	74.97	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	1030106	97.06	ng		0.00
78) Terphenyl-d14	20.07	244	1744252	93.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	57284	54.949	ng	#	83
3) Pyridine	3.92	79	166180	54.908	ng		89
4) n-Nitrosodimethylamine	3.83	42	78593	54.793	ng	#	92
6) Aniline	7.43	93	242298	53.197	ng		95
8) 2-Chlorophenol	7.68	128	146611	51.715	ng		88
9) Benzaldehyde	7.24	77	98604	40.714	ng		90
10) Phenol	7.30	94	190400	52.975	ng		96
11) bis(2-Chloroethyl)ether	7.52	93	150035	52.281	ng		92
12) 1,3-Dichlorobenzene	7.99	146	168134	50.549	ng		96
13) 1,4-Dichlorobenzene	8.14	146	172808	51.270	ng		97
14) 1,2-Dichlorobenzene	8.46	146	166305	51.407	ng		96
15) Benzyl Alcohol	8.35	79	144279	51.972	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.63	45	164058	51.756	ng		89
17) 2-Methylphenol	8.56	107	129989	51.937	ng		93
18) Hexachloroethane	9.19	117	58374	49.761	ng		91
19) n-Nitroso-di-n-propylamine	8.91	70	141355	53.717	ng	#	93
20) 3+4-Methylphenols	8.89	107	188230	52.890	ng		96
22) Acetophenone	8.93	105	270119	49.790	ng	#	95
24) Nitrobenzene	9.32	77	189574	50.471	ng	#	91
25) Isophorone	9.84	82	351904	49.072	ng	#	93
26) 2-Nitrophenol	10.03	139	92693	47.344	ng		92
27) 2,4-Dimethylphenol	10.09	122	140945	48.491	ng		95
28) bis(2-Chloroethoxy)methane	10.31	93	226622	50.175	ng		97
29) 2,4-Dichlorophenol	10.58	162	172831	49.517	ng		94
30) 1,2,4-Trichlorobenzene	10.78	180	202471	48.588	ng		97
31) Naphthalene	10.97	128	533201	49.780	ng		98
32) Benzoic acid	10.26	122	85014	38.287	ng		88
33) 4-Chloroaniline	11.08	127	240784	51.351	ng		95
34) Hexachlorobutadiene	11.25	225	135881	47.018	ng		97
35) Caprolactam	11.86	113	66186	46.420	ng	#	76
36) 4-Chloro-3-methylphenol	12.21	107	189572	49.903	ng		87
37) 2-Methylnaphthalene	12.57	142	419282	50.707	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	303053	50.068	ng		97
40) Hexachlorocyclopentadiene	12.91	237	80318	47.739	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	166456	48.106	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	178781	47.223	ng		94
45) 1,1'-Biphenyl	13.57	154	626690	49.556	ng		98
46) 2-Chloronaphthalene	13.62	162	459765	50.389	ng		96
47) 2-Nitroaniline	13.82	65	136476	50.464	ng	#	86
48) Acenaphthylene	14.46	152	742304	49.706	ng		99
49) Dimethylphthalate	14.18	163	640930	48.607	ng		98
50) 2,6-Dinitrotoluene	14.31	165	138383	50.917	ng	#	86
51) Acenaphthene	14.80	154	468232	50.203	ng		98
52) 3-Nitroaniline	14.64	138	140646	48.737	ng	#	82
53) 2,4-Dinitrophenol	14.86	184	52711	40.869	ng	#	53
54) Dibenzofuran	15.13	168	735530	49.511	ng		98
55) 4-Nitrophenol	14.97	139	91003	44.268	ng		89
56) 2,4-Dinitrotoluene	15.10	165	197044	50.149	ng	#	78
57) Fluorene	15.78	166	593208	49.184	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	163655	45.356	ng		92
59) Diethylphthalate	15.53	149	644865	48.145	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	363367	49.885	ng		94
61) 4-Nitroaniline	15.81	138	150246	49.167	ng		92
62) Azobenzene	16.05	77	530588	51.942	ng		97
64) 4,6-Dinitro-2-methylphenol	15.87	198	116372	45.647	ng		76
65) n-Nitrosodiphenylamine	15.98	169	569671	49.016	ng		99
66) 4-Bromophenyl-phenylether	16.65	248	228015	46.939	ng		99
67) Hexachlorobenzene	16.78	284	232398	45.025	ng		97
68) Atrazine	16.92	200	210581	43.914	ng		96
69) Pentachlorophenol	17.13	266	102875	36.056	ng		99
70) Phenanthrene	17.52	178	982709	49.210	ng		98
71) Anthracene	17.61	178	993720	49.662	ng		99
72) Carbazole	17.88	167	903614	48.195	ng		99
73) Di-n-butylphthalate	18.42	149	1078975	46.870	ng		99
74) Fluoranthene	19.52	202	1234462	48.823	ng		97
76) Benzidine	19.69	184	462154	35.046	ng		96
77) Pyrene	19.88	202	1264007	51.887	ng		97
79) Butylbenzylphthalate	20.74	149	483955	49.825	ng		89
80) Benzo(a)anthracene	21.73	228	1238254	48.558	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	459164	44.607	ng		97
82) Chrysene	21.79	228	1176695	49.884	ng		97
83) Bis(2-ethylhexyl)phthalate	21.60	149	687810	49.057	ng		98
84) Di-n-octyl phthalate	22.82	149	1144342	50.146	ng		96
85) Indeno(1,2,3-cd)pyrene	28.80	276	1347272	46.981	ng	#	80
87) Benzo(b)fluoranthene	23.99	252	1229562	50.244	ng		99
88) Benzo(k)fluoranthene	24.06	252	1223441	50.437	ng		97
89) Benzo(a)pyrene	24.88	252	1160222	49.906	ng		99
90) Dibenzo(a,h)anthracene	28.86	278	1133647	47.708	ng		98
91) Benzo(g,h,i)perylene	29.99	276	1114516	48.325	ng		98

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

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