Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121117\
Data File : BG031458.D
Acq On : 11 Dec 2017 16:37
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Dec 11 17:12:34 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	50178	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	251300	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	169715	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	405205	20.00	ng		0.00
75) Chrysene-d12	21.75	240	425326	20.00	ng		0.00
86) Perylene-d12	25.03	264	419917	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	466143	159.30	ng		0.00
7) Phenol-d6	7.28	99	656426	166.51	ng		0.00
23) Nitrobenzene-d5	9.28	82	664083	156.59	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	322906	117.62	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	1720769	145.69	ng		0.00
78) Terphenyl-d14	20.07	244	2590009	134.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	96941	81.635	ng		85
3) Pyridine	3.92	79	281737	81.723	ng		89
4) n-Nitrosodimethylamine	3.84	42	141153	86.391	ng	#	94
6) Aniline	7.43	93	435391	83.919	ng		95
8) 2-Chlorophenol	7.67	128	263620	81.634	ng		91
9) Benzaldehyde	7.24	77	143150	51.890	ng		88
10) Phenol	7.30	94	338336	82.641	ng		95
11) bis(2-Chloroethyl)ether	7.52	93	276537	84.596	ng		91
12) 1,3-Dichlorobenzene	8.00	146	301077	79.465	ng		98
13) 1,4-Dichlorobenzene	8.14	146	309826	80.697	ng		94
14) 1,2-Dichlorobenzene	8.47	146	294937	80.036	ng		97
15) Benzyl Alcohol	8.35	79	260701	82.443	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	295597	81.867	ng		93
17) 2-Methylphenol	8.55	107	237333	83.247	ng		96
18) Hexachloroethane	9.19	117	107399	80.373	ng		94
19) n-Nitroso-di-n-propylamine	8.92	70	257919	86.045	ng	#	97
20) 3+4-Methylphenols	8.89	107	338499	83.499	ng		92
22) Acetophenone	8.94	105	480821	76.844	ng	#	94
24) Nitrobenzene	9.32	77	341378	78.802	ng	#	92
25) Isophorone	9.85	82	635413	76.825	ng	#	93
26) 2-Nitrophenol	10.03	139	175918	77.906	ng		90
27) 2,4-Dimethylphenol	10.09	122	255967	76.355	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	400998	76.979	ng	#	93
29) 2,4-Dichlorophenol	10.58	162	314408	78.103	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	369243	76.829	ng		97
31) Naphthalene	10.97	128	939450	76.046	ng		98
32) Benzoic acid	10.30	122	188753	73.705	ng	#	80
33) 4-Chloroaniline	11.08	127	425931	78.760	ng		96
34) Hexachlorobutadiene	11.25	225	245193	73.563	ng		98
35) Caprolactam	11.88	113	114526	69.644	ng	#	79
36) 4-Chloro-3-methylphenol	12.21	107	334077	76.251	ng		87
37) 2-Methylnaphthalene	12.57	142	737778	77.362	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	534081	79.289	ng		96
40) Hexachlorocyclopentadiene	12.91	237	180856	96.596	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	295189	76.659	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	324360	76.988	ng		93
45) 1,1'-Biphenyl	13.57	154	1078805	76.656	ng		96
46) 2-Chloronaphthalene	13.62	162	798428	78.632	ng		96
47) 2-Nitroaniline	13.82	65	235737	78.328	ng	#	88
48) Acenaphthylene	14.46	152	1250916	75.270	ng		98
49) Dimethylphthalate	14.19	163	1069920	72.912	ng		98
50) 2,6-Dinitrotoluene	14.31	165	236945	78.340	ng	#	84
51) Acenaphthene	14.80	154	797948	76.879	ng		98
52) 3-Nitroaniline	14.65	138	242327	75.455	ng	#	82
53) 2,4-Dinitrophenol	14.86	184	102887	71.683	ng	#	50
54) Dibenzofuran	15.13	168	1219155	73.744	ng		96
55) 4-Nitrophenol	14.97	139	166944	72.974	ng	#	81
56) 2,4-Dinitrotoluene	15.11	165	331545	75.824	ng	#	77
57) Fluorene	15.78	166	973401	72.523	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	285765	71.167	ng		92
59) Diethylphthalate	15.53	149	1051421	70.538	ng		96
60) 4-Chlorophenyl-phenylether	15.76	204	607897	74.992	ng		94
61) 4-Nitroaniline	15.81	138	249939	73.496	ng		93
62) Azobenzene	16.06	77	870185	76.548	ng		95
64) 4,6-Dinitro-2-methylphenol	15.88	198	206966	76.843	ng		77
65) n-Nitrosodiphenylamine	15.98	169	946350	77.072	ng		99
66) 4-Bromophenyl-phenylether	16.66	248	384615	74.943	ng		100
67) Hexachlorobenzene	16.79	284	385829	70.754	ng		96
68) Atrazine	16.92	200	325906	64.330	ng		97
69) Pentachlorophenol	17.13	266	187832	62.313	ng		99
70) Phenanthrene	17.52	178	1567403	74.292	ng		96
71) Anthracene	17.61	178	1581130	74.793	ng		97
72) Carbazole	17.88	167	1427331	72.058	ng		97
73) Di-n-butylphthalate	18.41	149	1690347	69.502	ng		98
74) Fluoranthene	19.52	202	1928315	72.187	ng		95
76) Benzidine	19.69	184	777352	56.897	ng	#	94
77) Pyrene	19.88	202	1959660	77.645	ng		94
79) Butylbenzylphthalate	20.75	149	782218	77.731	ng		87
80) Benzo(a)anthracene	21.73	228	1955497	74.017	ng		95
81) 3,3'-Dichlorobenzidine	21.63	252	713000	66.857	ng		96
82) Chrysene	21.80	228	1844253	75.463	ng		94
83) Bis(2-ethylhexyl)phthalate	21.60	149	1099677	75.704	ng		99
84) Di-n-octyl phthalate	22.83	149	1865457	78.902	ng		96
85) Indeno(1,2,3-cd)pyrene	28.82	276	2211141	74.423	ng	#	90
87) Benzo(b)fluoranthene	23.99	252	1956045	77.008	ng		97
88) Benzo(k)fluoranthene	24.05	252	1969961	78.244	ng		97
89) Benzo(a)pyrene	24.88	252	1892243	78.418	ng		98
90) Dibenzo(a,h)anthracene	28.86	278	1864389	75.592	ng		97
91) Benzo(g,h,i)perylene	29.99	276	1825995	76.280	ng		97

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

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