Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG031998.D
Acq On : 12 Jan 2018 12:27
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
1/15/2018 4:23:38 PM

Quant Time: Jan 12 17:25:20 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 16:53:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	49817	20.00	ng		0.00
21) Naphthalene-d8	11.66	136	209728	20.00	ng		0.00
38) Acenaphthene-d10	15.40	164	143717	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	353486	20.00	ng		0.00
75) Chrysene-d12	22.48	240	399899	20.00	ng		0.00
86) Perylene-d12	26.20	264	434990	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	133941	49.17	ng		0.00
7) Phenol-d6	7.88	99	171999	50.14	ng		0.00
23) Nitrobenzene-d5	9.97	82	151586	48.90	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	117476	49.40	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	568034	49.01	ng		0.00
78) Terphenyl-d14	20.67	244	927278	51.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	26554	25.376	ng	#	66
3) Pyridine	4.30	79	70850	25.365	ng	#	75
4) n-Nitrosodimethylamine	4.22	42	25480	25.965	ng	#	88
6) Aniline	8.06	93	109533	25.314	ng		91
8) 2-Chlorophenol	8.32	128	75265	24.694	ng	#	78
9) Benzaldehyde	7.87	77	53492	26.913	ng	#	80
10) Phenol	7.90	94	84025	24.865	ng		94
11) bis(2-Chloroethyl)ether	8.15	93	67297	24.857	ng		85
12) 1,3-Dichlorobenzene	8.66	146	101435	25.429	ng	#	91
13) 1,4-Dichlorobenzene	8.81	146	102892	25.617	ng		94
14) 1,2-Dichlorobenzene	9.15	146	97205	25.022	ng		93
15) Benzyl Alcohol	9.00	79	63076	25.310	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.30	45	68931	25.053	ng		78
17) 2-Methylphenol	9.20	107	64010	24.786	ng		93
18) Hexachloroethane	9.90	117	29711	24.069	ng	#	80
19) n-Nitroso-di-n-propylamine	9.58	70	52935	24.870	ng	#	82
20) 3+4-Methylphenols	9.53	107	87790	24.538	ng		96
22) Acetophenone	9.62	105	116791	24.516	ng	#	87
24) Nitrobenzene	10.02	77	76204	24.644	ng	#	83
25) Isophorone	10.54	82	142831	24.744	ng	#	85
26) 2-Nitrophenol	10.74	139	45029	24.576	ng	#	80
27) 2,4-Dimethylphenol	10.77	122	71563	24.613	ng		91
28) bis(2-Chloroethoxy)methane	11.02	93	85674	24.635	ng		98
29) 2,4-Dichlorophenol	11.28	162	88095	24.624	ng		91
30) 1,2,4-Trichlorobenzene	11.51	180	114056	24.685	ng		99
31) Naphthalene	11.71	128	256232	24.663	ng		98
32) Benzoic acid	10.86	122	46726m	22.727	ng		
33) 4-Chloroaniline	11.80	127	110120	24.717	ng	#	91
34) Hexachlorobutadiene	11.98	225	81413	24.532	ng		95
35) Caprolactam	12.54	113	26091	24.039	ng	#	49
36) 4-Chloro-3-methylphenol	12.86	107	80264	24.510	ng	#	82
37) 2-Methylnaphthalene	13.27	142	208016	25.219	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	152501	24.343	ng	#	96
40) Hexachlorocyclopentadiene	13.60	237	81940	23.223	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	86261	24.506	ng		98
43) 2,4,5-Trichlorophenol	13.92	196	98485	24.172	ng	#	91
45) 1,1'-Biphenyl	14.25	154	295905	24.017	ng		96
46) 2-Chloronaphthalene	14.30	162	231666	24.171	ng		95
47) 2-Nitroaniline	14.48	65	43711	23.823	ng	#	58
48) Acenaphthylene	15.13	152	351770	24.101	ng		99
49) Dimethylphthalate	14.83	163	310419	24.683	ng		99
50) 2,6-Dinitrotoluene	14.96	165	63778	24.432	ng	#	67
51) Acenaphthene	15.47	154	235142	24.364	ng		99
52) 3-Nitroaniline	15.29	138	57655	24.454	ng	#	71
53) 2,4-Dinitrophenol	15.49	184	22320	20.337	ng	#	63
54) Dibenzofuran	15.80	168	352687	24.497	ng		97
55) 4-Nitrophenol	15.56	139	42240	24.584	ng	#	64
56) 2,4-Dinitrotoluene	15.73	165	88719	25.244	ng	#	65
57) Fluorene	16.44	166	289391	24.509	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.01	232	92264	24.479	ng	#	86
59) Diethylphthalate	16.17	149	301780	24.752	ng		97
60) 4-Chlorophenyl-phenylether	16.42	204	173291	23.925	ng		91
61) 4-Nitroaniline	16.44	138	56902	25.159	ng		83
62) Azobenzene	16.71	77	185585	24.319	ng		83
64) 4,6-Dinitro-2-methylphenol	16.50	198	48109	22.871	ng	#	67
65) n-Nitrosodiphenylamine	16.63	169	263337	24.551	ng		100
66) 4-Bromophenyl-phenylether	17.31	248	121964	24.250	ng		92
67) Hexachlorobenzene	17.44	284	136110	24.461	ng	#	90
68) Atrazine	17.55	200	113148	25.083	ng		96
69) Pentachlorophenol	17.77	266	82734	23.262	ng		98
70) Phenanthrene	18.18	178	485645	24.676	ng		99
71) Anthracene	18.27	178	489483	24.936	ng		98
72) Carbazole	18.53	167	427265	25.092	ng		99
73) Di-n-butylphthalate	19.04	149	509372	25.315	ng		98
74) Fluoranthene	20.14	202	622319	25.255	ng		97
76) Benzidine	20.30	184	251145	25.115	ng		98
77) Pyrene	20.50	202	634715	25.248	ng		100
79) Butylbenzylphthalate	21.36	149	222014	24.649	ng	#	77
80) Benzo(a)anthracene	22.45	228	607309	24.420	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	229576	24.711	ng	#	96
82) Chrysene	22.53	228	593460	24.847	ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	322854	24.444	ng	#	98
84) Di-n-octyl phthalate	23.69	149	515269	24.563	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.51	276	711089	24.328	ng	#	84
87) Benzo(b)fluoranthene	25.00	252	651025	24.761	ng	#	97
88) Benzo(k)fluoranthene	25.09	252	631247	24.569	ng	#	96
89) Benzo(a)pyrene	26.03	252	602537	24.225	ng	#	95
90) Dibenzo(a,h)anthracene	30.59	278	584060	24.369	ng	#	94
91) Benzo(g,h,i)perylene	31.86	276	592195	20.160	ng	#	94

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

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