Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022118\
Data File : BG032761.D
Acq On : 21 Feb 2018 14:42
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
2/22/2018 3:13:56 PM

Quant Time: Feb 21 15:33:08 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 21 13:32:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.94	152	61817	20.00	ng		0.00
21) Naphthalene-d8	11.82	136	296090	20.00	ng		0.00
38) Acenaphthene-d10	15.55	164	169934	20.00	ng		0.00
63) Phenanthrene-d10	18.28	188	354706	20.00	ng		0.00
75) Chrysene-d12	22.64	240	304625	20.00	ng		0.00
86) Perylene-d12	26.45	264	333538	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	613480	199.11	ng		0.00
7) Phenol-d6	8.03	99	875774	207.87	ng		0.00
23) Nitrobenzene-d5	10.14	82	736315	158.05	ng		0.00
41) 2,4,6-Tribromophenol	17.02	330	302714	115.69	ng		0.00
44) 2-Fluorobiphenyl	14.18	172	1728719	127.21	ng		0.00
78) Terphenyl-d14	20.80	244	1931838	144.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	124326	96.460	ng		88
3) Pyridine	4.44	79	383863	116.112	ng		94
4) n-Nitrosodimethylamine	4.34	42	149840	96.457	ng	#	92
6) Aniline	8.22	93	586812	117.848	ng		97
8) 2-Chlorophenol	8.48	128	344470	97.226	ng		93
10) Phenol	8.06	94	438573	107.036	ng		92
11) bis(2-Chloroethyl)ether	8.32	93	353697	107.673	ng		93
12) 1,3-Dichlorobenzene	8.82	146	387209	77.490	ng		98
13) 1,4-Dichlorobenzene	8.97	146	390291	79.058	ng		98
14) 1,2-Dichlorobenzene	9.31	146	373299	74.972	ng		97
15) Benzyl Alcohol	9.16	79	333948	105.754	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.46	45	607076	171.716	ng		96
17) 2-Methylphenol	9.36	107	333260	114.845	ng		95
18) Hexachloroethane	10.06	117	138800	77.001	ng	#	87
19) n-Nitroso-di-n-propylamine	9.76	70	318063	112.298	ng	#	97
20) 3+4-Methylphenols	9.70	107	467089	106.501	ng		94
22) Acetophenone	9.78	105	582450	92.494	ng	#	94
24) Nitrobenzene	10.18	77	400494	82.104	ng		92
25) Isophorone	10.70	82	834982	94.005	ng	#	94
26) 2-Nitrophenol	10.90	139	161587	61.937	ng		91
27) 2,4-Dimethylphenol	10.93	122	358242	104.516	ng		89
28) bis(2-Chloroethoxy)methane	11.18	93	476275	104.891	ng		94
29) 2,4-Dichlorophenol	11.44	162	341194	68.011	ng		95
30) 1,2,4-Trichlorobenzene	11.67	180	376905	53.590	ng		98
31) Naphthalene	11.87	128	1199366	83.422	ng		99
32) Benzoic acid	11.10	122	284927	114.061	ng		84
33) 4-Chloroaniline	11.96	127	554943	97.279	ng		95
34) Hexachlorobutadiene	12.14	225	211160	36.634	ng		98
35) Caprolactam	12.73	113	138155	96.976	ng		89
36) 4-Chloro-3-methylphenol	13.02	107	397321	88.049	ng		90
37) 2-Methylnaphthalene	13.42	142	883045	75.721	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.77	216	399363	49.757	ng	#	97
40) Hexachlorocyclopentadiene	13.75	237	223547	44.012	ng		91
42) 2,4,6-Trichlorophenol	13.99	196	266711	66.579	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	14.06	196	303613	60.817	ng		96
45) 1,1'-Biphenyl	14.39	154	1130269	80.835	ng		93
46) 2-Chloronaphthalene	14.45	162	861644	77.875	ng		96
47) 2-Nitroaniline	14.63	65	251161	104.356	ng		89
48) Acenaphthylene	15.28	152	1379621	84.753	ng		95
49) Dimethylphthalate	14.98	163	1085572	73.903	ng		98
50) 2,6-Dinitrotoluene	15.10	165	210545	69.597	ng		90
51) Acenaphthene	15.61	154	878740	79.047	ng		97
52) 3-Nitroaniline	15.43	138	253244	94.796	ng	#	86
53) 2,4-Dinitrophenol	15.63	184	59780	50.752	ng	#	1
54) Dibenzofuran	15.94	168	1204221	72.809	ng		93
55) 4-Nitrophenol	15.70	139	188582	108.690	ng		82
56) 2,4-Dinitrotoluene	15.88	165	260200	62.424	ng		87
57) Fluorene	16.58	166	982649	72.244	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.15	232	236332m	50.282	ng		
59) Diethylphthalate	16.33	149	1125975	78.780	ng		99
60) 4-Chlorophenyl-phenylether	16.56	204	499528	55.624	ng		91
61) 4-Nitroaniline	16.59	138	256542	93.143	ng		86
62) Azobenzene	16.85	77	1015222	110.558	ng		97
64) 4,6-Dinitro-2-methylphenol	16.63	198	102913	43.181	ng		97
65) n-Nitrosodiphenylamine	16.77	169	909520	87.430	ng		97
66) 4-Bromophenyl-phenylether	17.45	248	300732	59.242	ng	#	88
67) Hexachlorobenzene	17.58	284	321343	58.938	ng	#	93
68) Atrazine	17.69	200	287263	64.381	ng		95
69) Pentachlorophenol	17.91	266	223901	67.079	ng		98
70) Phenanthrene	18.32	178	1474605	77.390	ng		95
71) Anthracene	18.41	178	1490439	76.448	ng		95
72) Carbazole	18.66	167	1439772	86.614	ng	#	94
73) Di-n-butylphthalate	19.17	149	1756798	93.864	ng		97
74) Fluoranthene	20.27	202	1578935	62.071	ng		91
76) Benzidine	20.42	184	669173	93.289	ng	#	96
77) Pyrene	20.63	202	1605663	88.599	ng		93
79) Butylbenzylphthalate	21.50	149	812477	136.092	ng		93
80) Benzo(a)anthracene	22.62	228	1516137	79.491	ng		95
81) 3,3'-Dichlorobenzidine	22.50	252	569991	80.021	ng	#	95
82) Chrysene	22.69	228	1457232	77.484	ng		94
83) Bis(2-ethylhexyl)phthalate	22.47	149	1163524	135.150	ng		99
84) Di-n-octyl phthalate	23.91	149	1851868	137.104	ng		99
85) Indeno(1,2,3-cd)pyrene	30.93	276	1847105	82.908	ng		96
87) Benzo(b)fluoranthene	25.24	252	1527334	76.839	ng	#	97
88) Benzo(k)fluoranthene	25.32	252	1536903	74.710	ng	#	94
89) Benzo(a)pyrene	26.29	252	1498458	77.382	ng	#	96
90) Dibenzo(a,h)anthracene	31.02	278	1517390	78.710	ng	#	92
91) Benzo(g,h,i)perylene	32.32	276	1508665	80.955	ng	#	92

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

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