Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022538.D
Acq On : 24 Jun 2016 13:49
Operator : UM/SJ
Sample : SSTDICC25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC25

Manual Integrations
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6/27/2016 4:01:20 PM

Quant Time: Jun 24 15:21:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 15:13:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	120558	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	502250	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	352571	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	898163	20.00	ng		0.00
75) Chrysene-d12	21.85	240	991369	20.00	ng		0.00
86) Perylene-d12	25.21	264	1028262	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	365799	23.41	ng		0.00
7) Phenol-d6	7.31	99	529096	24.09	ng		0.00
23) Nitrobenzene-d5	9.34	82	592903	24.56	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	282746	24.90	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	1208025	23.21	ng		0.00
78) Terphenyl-d14	20.16	244	2000889	23.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	77709	22.43	ng	#	87
3) Pyridine	4.00	79	220467	27.23	ng		92
4) n-Nitrosodimethylamine	3.91	42	119436	23.89	ng		85
6) Aniline	7.49	93	343862	24.48	ng		96
8) 2-Chlorophenol	7.73	128	185793	23.28	ng		96
9) Benzaldehyde	7.30	77	100159	21.54	ng		86
10) Phenol	7.33	94	281203	24.56	ng		98
11) bis(2-Chloroethyl)ether	7.58	93	235591	24.73	ng		95
12) 1,3-Dichlorobenzene	8.06	146	220623	22.09	ng		97
13) 1,4-Dichlorobenzene	8.21	146	231791	23.45	ng		93
14) 1,2-Dichlorobenzene	8.52	146	218663	23.14	ng		93
15) Benzyl Alcohol	8.40	79	253137	26.84	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.70	45	251722	24.06	ng		92
17) 2-Methylphenol	8.60	107	178475	23.50	ng		93
18) Hexachloroethane	9.26	117	95779	23.74	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	217750	24.27	ng		98
20) 3+4-Methylphenols	8.93	107	257562	24.59	ng		98
22) Acetophenone	9.00	105	358019	24.15	ng	#	95
24) Nitrobenzene	9.38	77	322899	24.17	ng		95
25) Isophorone	9.91	82	581808	24.58	ng		97
26) 2-Nitrophenol	10.10	139	117928	25.52	ng		88
27) 2,4-Dimethylphenol	10.14	122	212548	22.66	ng		94
28) bis(2-Chloroethoxy)methane	10.38	93	311192	24.03	ng		97
29) 2,4-Dichlorophenol	10.62	162	221494	25.20	ng		97
30) 1,2,4-Trichlorobenzene	10.85	180	253139	23.61	ng		90
31) Naphthalene	11.05	128	636347	24.17	ng		98
32) Benzoic acid	10.23	122	130295	27.06	ng		93
33) 4-Chloroaniline	11.15	127	289305	27.76	ng		93
34) Hexachlorobutadiene	11.32	225	200272	24.20	ng		95
35) Caprolactam	11.91	113	70554	26.16	ng		90
36) 4-Chloro-3-methylphenol	12.25	107	270911	24.66	ng		96
37) 2-Methylnaphthalene	12.64	142	487131	24.01	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	328299	23.32	ng		98
40) Hexachlorocyclopentadiene	12.98	237	254619	23.58	ng		100

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Quant Time: Jun 24 15:21:39 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	215740	24.81	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	227165	24.95	ng		97
45) 1,1'-Biphenyl	13.64	154	681934	23.77	ng		99
46) 2-Chloronaphthalene	13.68	162	549568	23.52	ng		99
47) 2-Nitroaniline	13.87	65	213903	25.07	ng		95
48) Acenaphthylene	14.53	152	832124	24.37	ng		98
49) Dimethylphthalate	14.25	163	747491	23.80	ng		97
50) 2,6-Dinitrotoluene	14.37	165	159883	24.85	ng		97
51) Acenaphthene	14.87	154	605942	24.44	ng		100
52) 3-Nitroaniline	14.70	138	156267	26.56	ng		85
53) 2,4-Dinitrophenol	14.90	184	98442	26.64	ng		95
54) Dibenzofuran	15.20	168	873792	23.61	ng		98
55) 4-Nitrophenol	14.98	139	122495	24.36	ng	#	86
56) 2,4-Dinitrotoluene	15.15	165	229889	26.41	ng		94
57) Fluorene	15.85	166	703346	24.11	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	237465	25.26	ng		97
59) Diethylphthalate	15.61	149	794147	24.62	ng		98
60) 4-Chlorophenyl-phenylether	15.84	204	411245	24.20	ng		98
61) 4-Nitroaniline	15.86	138	153624	24.64	ng		93
62) Azobenzene	16.13	77	856827	24.43	ng		95
64) 4,6-Dinitro-2-methylphenol	15.91	198	142421	24.81	ng		97
65) n-Nitrosodiphenylamine	16.05	169	649072	23.85	ng		95
66) 4-Bromophenyl-phenylether	16.74	248	280870	23.24	ng		97
67) Hexachlorobenzene	16.85	284	303112	23.61	ng		98
68) Atrazine	17.00	200	279395	24.80	ng		99
69) Pentachlorophenol	17.19	266	209706	24.66	ng		97
70) Phenanthrene	17.59	178	1168299	23.58	ng		98
71) Anthracene	17.69	178	1203227	23.35	ng		98
72) Carbazole	17.95	167	1043921	24.52	ng		98
73) Di-n-butylphthalate	18.51	149	1280515	23.74	ng		97
74) Fluoranthene	19.60	202	1450714	23.58	ng		98
76) Benzidine	19.79	184	162099	31.03	ng		96
77) Pyrene	19.96	202	1464873	23.89	ng		97
79) Butylbenzylphthalate	20.84	149	590131	25.09	ng		94
80) Benzo(a)anthracene	21.83	228	1493118	23.62	ng		96
81) 3,3'-Dichlorobenzidine	21.74	252	588773	25.24	ng		100
82) Chrysene	21.90	228	1392867	23.54	ng		98
83) Bis(2-ethylhexyl)phthalate	21.73	149	829428	24.26	ng		98
84) Di-n-octyl phthalate	23.00	149	1385909	24.18	ng		99
85) Indeno(1,2,3-cd)pyrene	29.06	276	1683135	23.76	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1571314	23.94	ng		96
88) Benzo(k)fluoranthene	24.21	252	1490835m	23.85	ng		
89) Benzo(a)pyrene	25.05	252	1507900	23.55	ng		97
90) Dibenzo(a,h)anthracene	29.14	278	1398904	23.40	ng	#	98
91) Benzo(g,h,i)perylene	30.26	276	1414903	23.19	ng		96

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

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