Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021036.D
Acq On : 23 Feb 2016 19:50
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
2/24/2016 4:29:36 PM

Quant Time: Feb 24 00:14:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 00:03:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	4842	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	26995	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	17464	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	39394	20.00	ng		0.00
75) Chrysene-d12	21.83	240	20768	20.00	ng		0.00
86) Perylene-d12	25.14	264	16561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	47373	181.39	ng		0.00
7) Phenol-d6	7.41	99	73537	193.84	ng		0.00
23) Nitrobenzene-d5	9.40	82	73885	194.19	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	34618	147.49	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	197008	156.79	ng		0.00
78) Terphenyl-d14	20.14	244	242642	206.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	6077	80.04	ng		93
3) Pyridine	4.04	79	21288	87.52	ng		95
4) n-Nitrosodimethylamine	3.94	42	9667	137.99	ng	#	94
6) Aniline	7.55	93	43522	121.52	ng		97
8) 2-Chlorophenol	7.79	128	27810	83.90	ng		98
9) Benzaldehyde	7.35	77	13952	80.14	ng		97
10) Phenol	7.44	94	38818	97.08	ng		97
11) bis(2-Chloroethyl)ether	7.63	93	28775	88.96	ng		99
12) 1,3-Dichlorobenzene	8.09	146	30794	82.23	ng		98
13) 1,4-Dichlorobenzene	8.24	146	32690	83.99	ng		98
14) 1,2-Dichlorobenzene	8.57	146	30178	82.46	ng		95
15) Benzyl Alcohol	8.48	79	25415	101.97	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.73	45	49048	127.38	ng		98
17) 2-Methylphenol	8.69	107	25477	87.36	ng		95
18) Hexachloroethane	9.29	117	11674	93.52	ng		99
19) n-Nitroso-di-n-propylamine	9.03	70	25684	104.60	ng		98
20) 3+4-Methylphenols	9.02	107	35642	86.73	ng		92
22) Acetophenone	9.05	105	48094	81.80	ng	#	97
24) Nitrobenzene	9.44	77	40167	100.40	ng		96
25) Isophorone	9.97	82	76441	92.75	ng		98
26) 2-Nitrophenol	10.15	139	18490	79.85	ng		99
27) 2,4-Dimethylphenol	10.22	122	31942	82.03	ng		97
28) bis(2-Chloroethoxy)methane	10.43	93	39442	82.60	ng		97
29) 2,4-Dichlorophenol	10.70	162	29565	76.74	ng		98
30) 1,2,4-Trichlorobenzene	10.89	180	30453	73.78	ng		98
31) Naphthalene	11.08	128	110725	79.50	ng		98
32) Benzoic acid	10.44	122	26604	80.64	ng		93
33) 4-Chloroaniline	11.21	127	45778	87.76	ng		97
34) Hexachlorobutadiene	11.35	225	17109	75.10	ng		99
35) Caprolactam	12.07	113	11616	79.06	ng		94
36) 4-Chloro-3-methylphenol	12.34	107	37463	88.71	ng		98
37) 2-Methylnaphthalene	12.67	142	80629	79.72	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	38268	74.44	ng		100
40) Hexachlorocyclopentadiene	13.00	237	23199	83.37	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	26874	75.21	ng		99
43) 2,4,5-Trichlorophenol	13.36	196	28621	76.45	ng		96
45) 1,1'-Biphenyl	13.66	154	117696	78.34	ng		97
46) 2-Chloronaphthalene	13.71	162	82370	77.41	ng		99
47) 2-Nitroaniline	13.93	65	27055	110.23	ng		93
48) Acenaphthylene	14.55	152	152658	78.96	ng		98
49) Dimethylphthalate	14.29	163	111986	77.46	ng		100
50) 2,6-Dinitrotoluene	14.41	165	23755	77.04	ng		92
51) Acenaphthene	14.89	154	88833	81.20	ng		97
52) 3-Nitroaniline	14.76	138	28333	90.37	ng	#	97
53) 2,4-Dinitrophenol	14.94	184	14494	84.92	ng		98
54) Dibenzofuran	15.22	168	127550	79.09	ng		96
55) 4-Nitrophenol	15.09	139	23643	85.04	ng		98
56) 2,4-Dinitrotoluene	15.19	165	34536	81.95	ng	#	97
57) Fluorene	15.86	166	118495	80.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.45	232	24575m	76.00	ng		
59) Diethylphthalate	15.63	149	124138	84.66	ng		99
60) 4-Chlorophenyl-phenylether	15.85	204	55229	78.24	ng		98
61) 4-Nitroaniline	15.93	138	28322	86.80	ng		89
62) Azobenzene	16.14	77	107763	105.26	ng		98
64) 4,6-Dinitro-2-methylphenol	15.95	198	20860	79.69	ng		97
65) n-Nitrosodiphenylamine	16.07	169	94922	74.92	ng		99
66) 4-Bromophenyl-phenylether	16.74	248	34183	73.73	ng		98
67) Hexachlorobenzene	16.85	284	37526	71.75	ng		97
68) Atrazine	17.02	200	27573	74.11	ng		97
69) Pentachlorophenol	17.22	266	22074	75.35	ng		97
70) Phenanthrene	17.60	178	178627	80.54	ng		100
71) Anthracene	17.69	178	177042	80.15	ng		99
72) Carbazole	17.97	167	159564	84.25	ng		98
73) Di-n-butylphthalate	18.49	149	200512	91.09	ng		100
74) Fluoranthene	19.59	202	183862	96.25	ng		100
76) Benzidine	19.78	184	73444	106.22	ng		99
77) Pyrene	19.96	202	169326	99.18	ng		98
79) Butylbenzylphthalate	20.82	149	65089	103.12	ng		97
80) Benzo(a)anthracene	21.81	228	99627	80.64	ng		96
81) 3,3'-Dichlorobenzidine	21.72	252	36660	73.36	ng	#	98
82) Chrysene	21.88	228	94261	81.04	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	73973	89.52	ng		100
84) Di-n-octyl phthalate	22.90	149	102787	79.31	ng		99
85) Indeno(1,2,3-cd)pyrene	28.95	276	82545	60.81	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	86640	86.03	ng		98
88) Benzo(k)fluoranthene	24.16	252	82255	84.23	ng		98
89) Benzo(a)pyrene	25.00	252	79014	82.03	ng		95
90) Dibenzo(a,h)anthracene	29.01	278	69382	71.45	ng		98
91) Benzo(g,h,i)perylene	30.15	276	70613	74.93	ng		96

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

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