Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024082.D
Acq On : 23 Sep 2016 11:30
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
9/26/2016 6:40:02 PM

Quant Time: Sep 23 14:30:28 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 14:01:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	52557	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	255743	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	223440	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	530819	20.00	ng		0.00
75) Chrysene-d12	21.79	240	539927	20.00	ng		0.00
86) Perylene-d12	25.14	264	441433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	51953	17.35	ng		0.01
7) Phenol-d6	7.21	99	87916	19.08	ng		0.00
23) Nitrobenzene-d5	9.22	82	115906	20.23	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	53655	13.33	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	255333	16.38	ng		0.00
78) Terphenyl-d14	20.10	244	523053	22.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	10387	8.41	ng		97
3) Pyridine	3.87	79	32443	8.74	ng	#	87
4) n-Nitrosodimethylamine	3.78	42	18975	9.70	ng	#	69
6) Aniline	7.37	93	64292	10.51	ng		90
8) 2-Chlorophenol	7.61	128	30401	8.77	ng		90
9) Benzaldehyde	7.18	77	23314	7.12	ng		94
10) Phenol	7.25	94	47920	9.88	ng		91
11) bis(2-Chloroethyl)ether	7.45	93	36333	9.53	ng		86
12) 1,3-Dichlorobenzene	7.92	146	37786	9.31	ng		90
13) 1,4-Dichlorobenzene	8.08	146	37642	8.75	ng		97
14) 1,2-Dichlorobenzene	8.40	146	36297	8.99	ng		96
15) Benzyl Alcohol	8.30	79	37334	9.19	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.56	45	53762	10.52	ng		92
17) 2-Methylphenol	8.51	107	29862	9.14	ng		87
18) Hexachloroethane	9.13	117	15581	9.41	ng		88
19) n-Nitroso-di-n-propylamine	8.85	70	43781	10.75	ng	#	96
20) 3+4-Methylphenols	8.85	107	43953	9.66	ng		93
22) Acetophenone	8.88	105	63760	9.63	ng	#	93
24) Nitrobenzene	9.26	77	63744	10.35	ng		93
25) Isophorone	9.78	82	117980	10.62	ng	#	96
26) 2-Nitrophenol	9.99	139	22299	9.52	ng		88
27) 2,4-Dimethylphenol	10.05	122	34968	8.79	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	59058	10.53	ng		96
29) 2,4-Dichlorophenol	10.54	162	38604	9.15	ng		80
30) 1,2,4-Trichlorobenzene	10.74	180	40865	8.84	ng		95
31) Naphthalene	10.92	128	116550	8.84	ng		99
32) Benzoic acid	10.19	122	16567	5.13	ng	#	79
33) 4-Chloroaniline	11.06	127	52267	9.50	ng	#	92
34) Hexachlorobutadiene	11.20	225	32259	9.29	ng		93
35) Caprolactam	11.82	113	13704m	9.22	ng		
36) 4-Chloro-3-methylphenol	12.19	107	51767	9.19	ng		96
37) 2-Methylnaphthalene	12.54	142	90285	9.01	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	60315	8.13	ng		96
40) Hexachlorocyclopentadiene	12.88	237	11167	2.99	ng		79

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	37854	7.65	ng		96
43) 2,4,5-Trichlorophenol	13.25	196	39235	7.84	ng		95
45) 1,1'-Biphenyl	13.55	154	143625	7.99	ng		97
46) 2-Chloronaphthalene	13.59	162	104509	7.92	ng		99
47) 2-Nitroaniline	13.82	65	47074	9.06	ng		97
48) Acenaphthylene	14.44	152	180092	8.19	ng		99
49) Dimethylphthalate	14.16	163	156032	8.14	ng	#	98
50) 2,6-Dinitrotoluene	14.30	165	32003	7.91	ng		94
51) Acenaphthene	14.78	154	107643	7.92	ng		96
52) 3-Nitroaniline	14.64	138	32065	8.48	ng		95
53) 2,4-Dinitrophenol	14.88	184	9685	3.84	ng		88
54) Dibenzofuran	15.12	168	169498	7.99	ng		98
55) 4-Nitrophenol	15.01	139	16552	5.50	ng		94
56) 2,4-Dinitrotoluene	15.10	165	47957	8.07	ng	#	69
57) Fluorene	15.77	166	147806	8.03	ng		92
58) 2,3,4,6-Tetrachlorophenol	15.36	232	35586	7.01	ng		94
59) Diethylphthalate	15.53	149	171635	8.39	ng		98
60) 4-Chlorophenyl-phenylether	15.75	204	77321	7.81	ng	#	87
61) 4-Nitroaniline	15.82	138	28578	7.47	ng		87
62) Azobenzene	16.05	77	173473	8.76	ng		91
64) 4,6-Dinitro-2-methylphenol	15.88	198	28480	7.73	ng		85
65) n-Nitrosodiphenylamine	15.98	169	135552	8.99	ng		95
66) 4-Bromophenyl-phenylether	16.66	248	56659	8.77	ng		93
67) Hexachlorobenzene	16.78	284	65043	8.59	ng	#	91
68) Atrazine	16.93	200	59324	9.15	ng		96
69) Pentachlorophenol	17.15	266	23188	5.76	ng		92
70) Phenanthrene	17.53	178	254766	9.23	ng		97
71) Anthracene	17.62	178	262459	9.32	ng		94
72) Carbazole	17.90	167	243661	9.53	ng		98
73) Di-n-butylphthalate	18.43	149	326497	10.71	ng	#	96
74) Fluoranthene	19.54	202	342158	10.29	ng		94
76) Benzidine	19.74	184	128951	7.71	ng		97
77) Pyrene	19.91	202	359462	10.83	ng		93
79) Butylbenzylphthalate	20.78	149	122596	9.58	ng		96
80) Benzo(a)anthracene	21.77	228	288742	9.55	ng	#	92
81) 3,3'-Dichlorobenzidine	21.69	252	99201	8.21	ng	#	94
82) Chrysene	21.84	228	273704	9.51	ng		94
83) Bis(2-ethylhexyl)phthalate	21.65	149	148078	8.45	ng	#	95
84) Di-n-octyl phthalate	22.89	149	259309	9.02	ng		100
85) Indeno(1,2,3-cd)pyrene	28.96	276	278333	8.74	ng	#	100
87) Benzo(b)fluoranthene	24.07	252	239800	9.56	ng		99
88) Benzo(k)fluoranthene	24.14	252	236279	9.50	ng	#	98
89) Benzo(a)pyrene	24.98	252	227289	9.54	ng	#	98
90) Dibenzo(a,h)anthracene	29.01	278	226700	9.68	ng	#	92
91) Benzo(g,h,i)perylene	30.18	276	230276	10.22	ng	#	94

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

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