Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019100.D
Acq On : 10 Oct 2015 4:10
Operator : UM/NP
Sample : SSTDICC050
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
MMdadoda
10/12/2015 7:00:45 PM

Quant Time: Oct 10 06:34:53 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 10 06:16:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18603	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	84578	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	59833	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	153040	20.00	ng		0.00
75) Chrysene-d12	21.68	240	181926	20.00	ng		0.00
86) Perylene-d12	24.91	264	181056	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	85659	80.93	ng		0.00
7) Phenol-d6	7.20	99	137130	89.58	ng		0.00
23) Nitrobenzene-d5	9.20	82	147012	96.03	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	80648	99.12	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	367172	85.63	ng		0.00
78) Terphenyl-d14	20.02	244	656213	94.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	17292	38.91	ng		99
3) Pyridine	3.90	79	58019	42.19	ng		99
4) n-Nitrosodimethylamine	3.82	42	32591	63.39	ng		98
6) Aniline	7.36	93	92736	44.08	ng		98
8) 2-Chlorophenol	7.60	128	54916	44.46	ng		95
9) Benzaldehyde	7.17	77	39578	47.18	ng		96
10) Phenol	7.22	94	69368	42.90	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	52517	42.14	ng		100
12) 1,3-Dichlorobenzene	7.92	146	58809	41.13	ng		96
13) 1,4-Dichlorobenzene	8.07	146	60777	42.48	ng		98
14) 1,2-Dichlorobenzene	8.39	146	58920	43.08	ng		95
15) Benzyl Alcohol	8.27	79	61016	53.53	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	111353	70.44	ng		99
17) 2-Methylphenol	8.47	107	50729	44.82	ng		99
18) Hexachloroethane	9.12	117	23708	45.84	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	54026	49.04	ng	#	98
20) 3+4-Methylphenols	8.80	107	73427	46.04	ng		99
22) Acetophenone	8.86	105	96449	45.25	ng	#	98
24) Nitrobenzene	9.24	77	79612	49.16	ng		98
25) Isophorone	9.76	82	151235	46.31	ng		98
26) 2-Nitrophenol	9.95	139	33642	45.30	ng		96
27) 2,4-Dimethylphenol	10.01	122	58282	43.14	ng		96
28) bis(2-Chloroethoxy)methane	10.24	93	79531	42.98	ng		96
29) 2,4-Dichlorophenol	10.48	162	61313	44.90	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	65754	43.59	ng		98
31) Naphthalene	10.89	128	193454	43.01	ng		98
32) Benzoic acid	10.15	122	35769m	37.20	ng		
33) 4-Chloroaniline	11.00	127	90427	44.21	ng		99
34) Hexachlorobutadiene	11.18	225	44258	48.48	ng		90
35) Caprolactam	11.77	113	24303	42.06	ng	#	85
36) 4-Chloro-3-methylphenol	12.12	107	77884	49.93	ng		98
37) 2-Methylnaphthalene	12.49	142	153329	46.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	82173	43.38	ng		99
40) Hexachlorocyclopentadiene	12.85	237	46189	48.27	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	59653	45.48	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	61449	42.71	ng		97
45) 1,1'-Biphenyl	13.50	154	203550	42.98	ng		98
46) 2-Chloronaphthalene	13.55	162	159133	43.46	ng		99
47) 2-Nitroaniline	13.74	65	65242	57.04	ng		95
48) Acenaphthylene	14.39	152	279833	43.37	ng		100
49) Dimethylphthalate	14.12	163	223736	45.11	ng		99
50) 2,6-Dinitrotoluene	14.23	165	50007	46.48	ng		97
51) Acenaphthene	14.73	154	164765	43.71	ng		98
52) 3-Nitroaniline	14.57	138	53424	42.14	ng		94
53) 2,4-Dinitrophenol	14.77	184	25095	54.25	ng		88
54) Dibenzofuran	15.06	168	245715	42.22	ng		97
55) 4-Nitrophenol	14.87	139	43946	45.03	ng		97
56) 2,4-Dinitrotoluene	15.02	165	74245	48.72	ng		94
57) Fluorene	15.71	166	214978	42.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	59633	44.08	ng		99
59) Diethylphthalate	15.48	149	232311	44.88	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	108867	44.93	ng		98
61) 4-Nitroaniline	15.73	138	59993	43.81	ng		97
62) Azobenzene	16.00	77	217829	47.37	ng		98
64) 4,6-Dinitro-2-methylphenol	15.78	198	42522	54.20	ng		96
65) n-Nitrosodiphenylamine	15.91	169	197752	44.66	ng		100
66) 4-Bromophenyl-phenylether	16.59	248	75379	48.15	ng		98
67) Hexachlorobenzene	16.72	284	88023	51.19	ng		99
68) Atrazine	16.86	200	84564	47.89	ng		98
69) Pentachlorophenol	17.06	266	49748	47.92	ng		96
70) Phenanthrene	17.45	178	368364	45.78	ng		100
71) Anthracene	17.54	178	370712	45.48	ng		100
72) Carbazole	17.81	167	349987	44.79	ng		100
73) Di-n-butylphthalate	18.37	149	432668	46.75	ng		99
74) Fluoranthene	19.46	202	478973	47.92	ng		100
76) Benzidine	19.64	184	230657	42.81	ng		100
77) Pyrene	19.82	202	487051	43.85	ng		99
79) Butylbenzylphthalate	20.71	149	203637	45.21	ng		98
80) Benzo(a)anthracene	21.67	228	467698	44.87	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	177599	45.08	ng		97
82) Chrysene	21.73	228	442106	45.07	ng		99
83) Bis(2-ethylhexyl)phthalate	21.58	149	279053	43.19	ng		98
84) Di-n-octyl phthalate	22.80	149	489100	44.69	ng		100
85) Indeno(1,2,3-cd)pyrene	28.60	276	552768	44.65	ng	#	94
87) Benzo(b)fluoranthene	23.89	252	468509	45.01	ng		100
88) Benzo(k)fluoranthene	23.96	252	456440	43.58	ng		98
89) Benzo(a)pyrene	24.76	252	444048	44.80	ng		98
90) Dibenzo(a,h)anthracene	28.67	278	471632	47.83	ng		99
91) Benzo(g,h,i)perylene	29.76	276	440409	44.36	ng		97

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

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