Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022416\
Data File : BG021055.D
Acq On : 24 Feb 2016 17:12
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/25/2016 2:40:07 PM

Quant Time: Feb 25 07:47:09 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 00:35:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	3509	20.00	ng		0.00
21) Naphthalene-d8	11.02	136	18424	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	12376	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	29667	20.00	ng		0.00
75) Chrysene-d12	21.83	240	22328	20.00	ng		0.00
86) Perylene-d12	25.14	264	20227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.78	112	15959	79.74	ng		0.00
7) Phenol-d6	7.40	99	24226	78.59	ng		0.00
23) Nitrobenzene-d5	9.39	82	28070	89.45	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	13219	89.16	ng		0.00
44) 2-Fluorobiphenyl	13.44	172	67378	75.79	ng		0.00
78) Terphenyl-d14	20.13	244	98440	57.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	2237	43.29	ng	#	89
3) Pyridine	4.02	79	7358	40.20	ng	#	92
4) n-Nitrosodimethylamine	3.94	42	3763	49.98	ng	#	93
6) Aniline	7.54	93	15931	43.83	ng		98
8) 2-Chlorophenol	7.78	128	9569	39.84	ng		93
9) Benzaldehyde	7.35	77	6288	42.18	ng		96
10) Phenol	7.43	94	13024	40.50	ng		94
11) bis(2-Chloroethyl)ether	7.62	93	10259	39.74	ng		97
12) 1,3-Dichlorobenzene	8.09	146	10875m	39.99	ng		
13) 1,4-Dichlorobenzene	8.24	146	11293	39.78	ng		98
14) 1,2-Dichlorobenzene	8.56	146	10813	41.01	ng		98
15) Benzyl Alcohol	8.46	79	9675	46.09	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.73	45	19188	44.15	ng		96
17) 2-Methylphenol	8.68	107	9353	42.74	ng	#	94
18) Hexachloroethane	9.29	117	4339	42.57	ng		99
19) n-Nitroso-di-n-propylamine	9.01	70	10233	47.19	ng		96
20) 3+4-Methylphenols	9.01	107	12670	41.77	ng		84
22) Acetophenone	9.04	105	18725	43.93	ng		98
24) Nitrobenzene	9.43	77	14692	43.15	ng		96
25) Isophorone	9.94	82	29261	45.22	ng		99
26) 2-Nitrophenol	10.14	139	6631	43.93	ng	#	86
27) 2,4-Dimethylphenol	10.21	122	11120	40.83	ng		97
28) bis(2-Chloroethoxy)methane	10.42	93	14843	42.45	ng		100
29) 2,4-Dichlorophenol	10.69	162	10323	41.41	ng		96
30) 1,2,4-Trichlorobenzene	10.88	180	10809	40.43	ng		95
31) Naphthalene	11.08	128	38769	40.24	ng		97
32) Benzoic acid	10.38	122	10195	49.49	ng		92
33) 4-Chloroaniline	11.20	127	15900	41.24	ng	#	94
34) Hexachlorobutadiene	11.34	225	6118	41.19	ng		89
35) Caprolactam	12.00	113	4676	47.88	ng		90
36) 4-Chloro-3-methylphenol	12.33	107	14034	44.44	ng		95
37) 2-Methylnaphthalene	12.66	142	28312	40.38	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	13568	39.65	ng		96
40) Hexachlorocyclopentadiene	12.99	237	8136	42.00	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	9779	40.21	ng		96
43) 2,4,5-Trichlorophenol	13.35	196	10327	41.37	ng		96
45) 1,1'-Biphenyl	13.65	154	42273	39.38	ng		97
46) 2-Chloronaphthalene	13.70	162	29600	39.41	ng		98
47) 2-Nitroaniline	13.92	65	10977	48.43	ng		87
48) Acenaphthylene	14.55	152	55547	40.45	ng		99
49) Dimethylphthalate	14.28	163	42356	41.97	ng		99
50) 2,6-Dinitrotoluene	14.40	165	9060	43.85	ng		87
51) Acenaphthene	14.88	154	31430	39.80	ng		97
52) 3-Nitroaniline	14.75	138	10706	45.10	ng		88
53) 2,4-Dinitrophenol	14.93	184	5758	47.07	ng		93
54) Dibenzofuran	15.22	168	45372	40.47	ng		94
55) 4-Nitrophenol	15.08	139	8708	42.55	ng		86
56) 2,4-Dinitrotoluene	15.18	165	12737	42.91	ng	#	89
57) Fluorene	15.86	166	43054	40.64	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.45	232	9289	44.51	ng		96
59) Diethylphthalate	15.62	149	46815	42.32	ng		99
60) 4-Chlorophenyl-phenylether	15.85	204	19522	39.97	ng		99
61) 4-Nitroaniline	15.92	138	10481	42.17	ng	#	78
62) Azobenzene	16.14	77	43234	45.09	ng		97
64) 4,6-Dinitro-2-methylphenol	15.95	198	8080	44.96	ng		96
65) n-Nitrosodiphenylamine	16.06	169	35133	39.34	ng		99
66) 4-Bromophenyl-phenylether	16.74	248	12890	41.30	ng		96
67) Hexachlorobenzene	16.86	284	14199	41.55	ng		95
68) Atrazine	17.01	200	12335	44.06	ng		96
69) Pentachlorophenol	17.21	266	8667	43.95	ng		98
70) Phenanthrene	17.60	178	67466	40.20	ng		97
71) Anthracene	17.69	178	67994	40.66	ng		100
72) Carbazole	17.97	167	61898	41.08	ng		98
73) Di-n-butylphthalate	18.49	149	81585	44.44	ng		98
74) Fluoranthene	19.59	202	72225	42.80	ng		97
76) Benzidine	19.78	184	39418	34.70	ng		100
77) Pyrene	19.95	202	69514	27.25	ng		98
79) Butylbenzylphthalate	20.82	149	31741	35.28	ng		96
80) Benzo(a)anthracene	21.80	228	53307	39.81	ng		99
81) 3,3'-Dichlorobenzidine	21.73	252	20972	42.42	ng		99
82) Chrysene	21.87	228	49760	39.83	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	40287	41.03	ng		100
84) Di-n-octyl phthalate	22.90	149	63079	45.14	ng		98
85) Indeno(1,2,3-cd)pyrene	28.93	276	53926	48.00	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	50480	37.85	ng		98
88) Benzo(k)fluoranthene	24.15	252	48831	38.81	ng		98
89) Benzo(a)pyrene	24.99	252	47990	40.16	ng		97
90) Dibenzo(a,h)anthracene	28.99	278	44958	41.78	ng		99
91) Benzo(g,h,i)perylene	30.14	276	45090	41.99	ng		96

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

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