Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
Data File : BG016566.D
Acq On : 21 Apr 2015 1:48
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
4/21/2015 5:05:59 PM

Quant Time: Apr 21 15:25:21 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 14:00:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	60039	20.00	ng		-0.02
21) Naphthalene-d8	10.44	136	279691	20.00	ng		-0.03
38) Acenaphthene-d10	14.29	164	164682	20.00	ng		-0.03
63) Phenanthrene-d10	17.04	188	332510	20.00	ng		-0.03
75) Chrysene-d12	21.21	240	287407	20.00	ng		-0.03
86) Perylene-d12	23.43	264	277853	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	305663	80.35	ng		-0.02
7) Phenol-d6	6.84	99	439740	77.00	ng		-0.02
23) Nitrobenzene-d5	8.81	82	376029	77.88	ng		-0.03
41) 2,4,6-Tribromophenol	15.79	330	96391	86.55	ng		-0.02
44) 2-Fluorobiphenyl	12.91	172	813907	84.15	ng		-0.03
78) Terphenyl-d14	19.66	244	982936	80.04	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	63114	36.50	ng		99
3) Pyridine	3.52	79	190742	36.90	ng		95
4) n-Nitrosodimethylamine	3.45	42	56507	36.78	ng		100
6) Aniline	6.98	93	299762	36.75	ng		97
8) 2-Chlorophenol	7.22	128	185821	40.67	ng		93
9) Benzaldehyde	6.79	77	84989	25.41	ng		94
10) Phenol	6.87	94	228773	37.44	ng		98
11) bis(2-Chloroethyl)ether	7.08	93	174504	35.82	ng		98
12) 1,3-Dichlorobenzene	7.54	146	188014	40.75	ng		97
13) 1,4-Dichlorobenzene	7.69	146	191664	40.05	ng		97
14) 1,2-Dichlorobenzene	8.00	146	182952	39.97	ng		99
15) Benzyl Alcohol	7.89	79	145008	36.42	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.19	45	176021	32.08	ng		96
17) 2-Methylphenol	8.11	107	156525	38.20	ng		98
18) Hexachloroethane	8.72	117	70952	38.75	ng		95
19) n-Nitroso-di-n-propylamine	8.46	70	143183	34.99	ng		96
20) 3+4-Methylphenols	8.43	107	218462	38.49	ng		98
22) Acetophenone	8.47	105	255735	39.43	ng	#	97
24) Nitrobenzene	8.85	77	194691	37.71	ng		92
25) Isophorone	9.37	82	399041	37.22	ng		98
26) 2-Nitrophenol	9.56	139	114557	47.58	ng		96
27) 2,4-Dimethylphenol	9.63	122	189186	42.19	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	234138	38.26	ng		99
29) 2,4-Dichlorophenol	10.10	162	163049	45.95	ng		96
30) 1,2,4-Trichlorobenzene	10.30	180	161319	43.54	ng		98
31) Naphthalene	10.48	128	594387	40.78	ng		100
32) Benzoic acid	9.79	122	87778m	33.28	ng		
33) 4-Chloroaniline	10.60	127	287722	42.07	ng		97
34) Hexachlorobutadiene	10.77	225	71294	43.81	ng		99
35) Caprolactam	11.38	113	93832	42.00	ng		89
36) 4-Chloro-3-methylphenol	11.74	107	199517	42.56	ng		96
37) 2-Methylnaphthalene	12.11	142	432009	41.21	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.48	216	156141	43.06	ng		98
40) Hexachlorocyclopentadiene	12.45	237	47939	28.89	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	122630	45.51	ng		99
43) 2,4,5-Trichlorophenol	12.81	196	131492	45.68	ng		95
45) 1,1'-Biphenyl	13.13	154	521402	41.27	ng		97
46) 2-Chloronaphthalene	13.16	162	398854	41.45	ng		99
47) 2-Nitroaniline	13.38	65	122143	39.38	ng		87
48) Acenaphthylene	14.02	152	706483	41.29	ng		99
49) Dimethylphthalate	13.76	163	501069	41.51	ng		99
50) 2,6-Dinitrotoluene	13.88	165	126667	43.39	ng		93
51) Acenaphthene	14.36	154	420190	41.09	ng		99
52) 3-Nitroaniline	14.21	138	156238	41.91	ng		92
53) 2,4-Dinitrophenol	14.43	184	31904	25.20	ng		92
54) Dibenzofuran	14.69	168	586163	41.31	ng		98
55) 4-Nitrophenol	14.54	139	103527	33.60	ng		95
56) 2,4-Dinitrotoluene	14.67	165	171825	43.22	ng		94
57) Fluorene	15.34	166	517240	41.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.93	232	95182	42.84	ng	#	95
59) Diethylphthalate	15.12	149	525079	40.87	ng		100
60) 4-Chlorophenyl-phenylether	15.34	204	215445	42.07	ng		95
61) 4-Nitroaniline	15.38	138	172148	40.68	ng		97
62) Azobenzene	15.63	77	494209	36.14	ng		98
64) 4,6-Dinitro-2-methylphenol	15.44	198	78125	34.57	ng		91
65) n-Nitrosodiphenylamine	15.55	169	475284	42.28	ng		100
66) 4-Bromophenyl-phenylether	16.23	248	111326	41.93	ng		97
67) Hexachlorobenzene	16.34	284	114946	41.66	ng		98
68) Atrazine	16.51	200	130477	41.65	ng		99
69) Pentachlorophenol	16.69	266	47527	28.21	ng		97
70) Phenanthrene	17.08	178	766246	40.97	ng		99
71) Anthracene	17.16	178	771281	41.61	ng		99
72) Carbazole	17.44	167	764456	41.10	ng		99
73) Di-n-butylphthalate	18.00	149	954701	41.94	ng		100
74) Fluoranthene	19.10	202	796942	41.34	ng		95
76) Benzidine	19.29	184	371169	30.45	ng		98
77) Pyrene	19.46	202	814155	40.68	ng		99
79) Butylbenzylphthalate	20.36	149	433827	44.12	ng		97
80) Benzo(a)anthracene	21.20	228	708032	41.68	ng		99
81) 3,3'-Dichlorobenzidine	21.14	252	241143	43.17	ng		100
82) Chrysene	21.25	228	669879	40.85	ng		99
83) Bis(2-ethylhexyl)phthalate	21.13	149	600269	45.10	ng		99
84) Di-n-octyl phthalate	21.99	149	1020498	47.06	ng		98
85) Indeno(1,2,3-cd)pyrene	25.70	276	773661	45.41	ng		98
87) Benzo(b)fluoranthene	22.76	252	671653	41.27	ng		99
88) Benzo(k)fluoranthene	22.81	252	665777	41.81	ng		99
89) Benzo(a)pyrene	23.34	252	641314	42.05	ng		100
90) Dibenzo(a,h)anthracene	25.71	278	642963	43.32	ng		97
91) Benzo(g,h,i)perylene	26.39	276	646772	43.63	ng		98

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

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