Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022397.D
Acq On : 17 Jun 2016 21:08
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/20/2016 6:53:30 PM

Quant Time: Jun 20 14:49:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46297	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	238030	20.00	ng		-0.04
38) Acenaphthene-d10	14.69	164	138603	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	301265	20.00	ng		-0.04
75) Chrysene-d12	21.70	240	200882	20.00	ng		-0.04
86) Perylene-d12	24.94	264	184657	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	220513	92.09	ng		-0.03
7) Phenol-d6	7.24	99	324954	86.31	ng		-0.01
23) Nitrobenzene-d5	9.22	82	313566	91.84	ng		-0.04
41) 2,4,6-Tribromophenol	16.18	330	109589	69.97	ng		-0.04
44) 2-Fluorobiphenyl	13.31	172	747642	82.20	ng		-0.04
78) Terphenyl-d14	20.02	244	784603	92.73	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	49258	42.90	ng	#	77
3) Pyridine	3.83	79	138141	44.52	ng		93
4) n-Nitrosodimethylamine	3.75	42	36381	52.44	ng	#	88
6) Aniline	7.37	93	214570	44.86	ng	#	84
8) 2-Chlorophenol	7.62	128	138341	41.80	ng	#	82
9) Benzaldehyde	7.18	77	89805	43.34	ng	#	80
10) Phenol	7.26	94	165694	42.69	ng		84
11) bis(2-Chloroethyl)ether	7.46	93	139887	45.20	ng	#	76
12) 1,3-Dichlorobenzene	7.93	146	142523	40.17	ng	#	93
13) 1,4-Dichlorobenzene	8.08	146	146154	41.35	ng		95
14) 1,2-Dichlorobenzene	8.40	146	142070	39.87	ng		95
15) Benzyl Alcohol	8.30	79	109731	45.11	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	155688	48.49	ng		83
17) 2-Methylphenol	8.52	107	122475	42.28	ng	#	84
18) Hexachloroethane	9.12	117	55998	43.39	ng		84
19) n-Nitroso-di-n-propylamine	8.85	70	116659	45.77	ng	#	73
20) 3+4-Methylphenols	8.85	107	166421	40.06	ng		95
22) Acetophenone	8.88	105	223437	43.56	ng	#	84
24) Nitrobenzene	9.27	77	155881	45.40	ng	#	87
25) Isophorone	9.79	82	333329	41.73	ng		94
26) 2-Nitrophenol	9.98	139	84589	45.43	ng	#	80
27) 2,4-Dimethylphenol	10.05	122	139686	41.45	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	196166	42.87	ng		95
29) 2,4-Dichlorophenol	10.53	162	129755	41.56	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	135743	38.92	ng		93
31) Naphthalene	10.92	128	473044	39.81	ng	#	95
32) Benzoic acid	10.25	122	68477	55.13	ng		91
33) 4-Chloroaniline	11.03	127	199136	40.31	ng	#	91
34) Hexachlorobutadiene	11.19	225	73267	39.13	ng		98
35) Caprolactam	11.83	113	58885	34.39	ng	#	47
36) 4-Chloro-3-methylphenol	12.18	107	153958	41.61	ng		88
37) 2-Methylnaphthalene	12.51	142	347891	39.66	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	143486	40.22	ng		96
40) Hexachlorocyclopentadiene	12.85	237	81341	46.98	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	100355	41.93	ng		93
43) 2,4,5-Trichlorophenol	13.23	196	105632	39.95	ng		94
45) 1,1'-Biphenyl	13.52	154	440298	42.21	ng		93
46) 2-Chloronaphthalene	13.57	162	334844	41.88	ng		97
47) 2-Nitroaniline	13.78	65	90566	47.50	ng	#	65
48) Acenaphthylene	14.41	152	563774	40.18	ng		96
49) Dimethylphthalate	14.14	163	438539	38.16	ng		100
50) 2,6-Dinitrotoluene	14.27	165	101249	40.53	ng	#	82
51) Acenaphthene	14.75	154	338605	40.28	ng		96
52) 3-Nitroaniline	14.61	138	106275	38.35	ng	#	84
53) 2,4-Dinitrophenol	14.82	184	60070m	61.76	ng		
54) Dibenzofuran	15.08	168	519126	39.58	ng		100
55) 4-Nitrophenol	14.97	139	92482	48.36	ng	#	73
56) 2,4-Dinitrotoluene	15.06	165	139727	41.70	ng	#	89
57) Fluorene	15.73	166	440995	39.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.32	232	85534	36.06	ng	#	91
59) Diethylphthalate	15.49	149	470933	38.36	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	200791	39.24	ng		96
61) 4-Nitroaniline	15.78	138	96240	32.75	ng		83
62) Azobenzene	16.01	77	405241	43.59	ng		89
64) 4,6-Dinitro-2-methylphenol	15.83	198	67761	44.78	ng		86
65) n-Nitrosodiphenylamine	15.94	169	371851	42.85	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	116666	41.33	ng		98
67) Hexachlorobenzene	16.73	284	124109	37.72	ng		97
68) Atrazine	16.88	200	118565	36.91	ng		97
69) Pentachlorophenol	17.09	266	62334	45.03	ng		97
70) Phenanthrene	17.47	178	655456	40.06	ng		97
71) Anthracene	17.57	178	667413	41.13	ng		97
72) Carbazole	17.84	167	592350	38.54	ng		96
73) Di-n-butylphthalate	18.37	149	765456	38.10	ng		98
74) Fluoranthene	19.48	202	654825	34.81	ng		95
76) Benzidine	19.67	184	216982	41.31	ng		97
77) Pyrene	19.84	202	616946	49.40	ng		99
79) Butylbenzylphthalate	20.71	149	274007	47.31	ng		92
80) Benzo(a)anthracene	21.67	228	460575	40.89	ng		100
81) 3,3'-Dichlorobenzidine	21.59	252	131205	41.49	ng	#	98
82) Chrysene	21.75	228	455965	41.60	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	407963	47.90	ng	#	96
84) Di-n-octyl phthalate	22.76	149	671549	47.49	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.65	276	481377	39.15	ng	#	54
87) Benzo(b)fluoranthene	23.90	252	450190	41.80	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	437113	41.23	ng	#	96
89) Benzo(a)pyrene	24.78	252	431466	41.90	ng	#	94
90) Dibenzo(a,h)anthracene	28.71	278	390133	40.23	ng	#	93
91) Benzo(g,h,i)perylene	29.84	276	397768	39.42	ng	#	90

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

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