Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025551.D
Acq On : 21 Jan 2017 00:04
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/23/2017 4:59:39 PM

Quant Time: Jan 21 00:53:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	59814	20.00	ng		-0.02
21) Naphthalene-d8	11.01	136	261589	20.00	ng		-0.02
38) Acenaphthene-d10	14.81	164	213601	20.00	ng		-0.02
63) Phenanthrene-d10	17.56	188	491975	20.00	ng		-0.02
75) Chrysene-d12	21.85	240	704049	20.00	ng		-0.02
86) Perylene-d12	25.22	264	763334	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	278741	84.71	ng		-0.02
7) Phenol-d6	7.34	99	405768	87.55	ng		-0.02
23) Nitrobenzene-d5	9.37	82	497121	83.95	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	256418	74.56	ng		-0.02
44) 2-Fluorobiphenyl	13.43	172	1058251	80.21	ng		-0.02
78) Terphenyl-d14	20.14	244	2064519	77.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	62174	44.28	ng		90
3) Pyridine	3.97	79	181624	44.62	ng		93
4) n-Nitrosodimethylamine	3.88	42	107754	44.60	ng	#	100
6) Aniline	7.50	93	273661	43.58	ng		96
8) 2-Chlorophenol	7.74	128	161092	43.40	ng		95
9) Benzaldehyde	7.32	77	132485	39.07	ng		96
10) Phenol	7.37	94	222773	43.36	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	167294	42.26	ng		90
12) 1,3-Dichlorobenzene	8.07	146	192332	42.82	ng		98
13) 1,4-Dichlorobenzene	8.21	146	191532	41.14	ng		98
14) 1,2-Dichlorobenzene	8.54	146	185551	41.76	ng		89
15) Benzyl Alcohol	8.43	79	198020	44.76	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	351621	47.96	ng		97
17) 2-Methylphenol	8.63	107	145899	43.24	ng		94
18) Hexachloroethane	9.27	117	78495	43.90	ng		90
19) n-Nitroso-di-n-propylamine	8.98	70	167441	42.77	ng		91
20) 3+4-Methylphenols	8.96	107	208054	44.56	ng		94
22) Acetophenone	9.01	105	291138	40.06	ng	#	97
24) Nitrobenzene	9.41	77	270906	41.71	ng		94
25) Isophorone	9.92	82	451214	42.08	ng		95
26) 2-Nitrophenol	10.12	139	103155	41.53	ng		94
27) 2,4-Dimethylphenol	10.17	122	177216	43.40	ng		96
28) bis(2-Chloroethoxy)methane	10.39	93	230308	41.36	ng		94
29) 2,4-Dichlorophenol	10.66	162	180976	41.41	ng		94
30) 1,2,4-Trichlorobenzene	10.86	180	214395	40.61	ng		97
31) Naphthalene	11.06	128	535161	40.97	ng		98
32) Benzoic acid	10.32	122	106867	32.54	ng		94
33) 4-Chloroaniline	11.18	127	233460	42.49	ng		96
34) Hexachlorobutadiene	11.32	225	174654	40.53	ng		97
35) Caprolactam	11.96	113	66980	40.79	ng		99
36) 4-Chloro-3-methylphenol	12.29	107	219923	40.77	ng		97
37) 2-Methylnaphthalene	12.65	142	405414	41.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	283671	40.22	ng		98
40) Hexachlorocyclopentadiene	12.97	237	90291	39.83	ng		97

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Quant Time: Jan 21 00:53:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	177507	39.97	ng		99
43) 2,4,5-Trichlorophenol	13.34	196	173111	37.24	ng		97
45) 1,1'-Biphenyl	13.64	154	584625	40.69	ng		93
46) 2-Chloronaphthalene	13.70	162	451823	40.25	ng		97
47) 2-Nitroaniline	13.91	65	202830	42.81	ng		98
48) Acenaphthylene	14.54	152	701884	40.35	ng		96
49) Dimethylphthalate	14.25	163	624218	40.09	ng		98
50) 2,6-Dinitrotoluene	14.40	165	138352	40.67	ng		95
51) Acenaphthene	14.87	154	465534	40.91	ng		99
52) 3-Nitroaniline	14.74	138	132307	40.46	ng		100
53) 2,4-Dinitrophenol	14.95	184	75656	36.84	ng	#	89
54) Dibenzofuran	15.21	168	732285	40.71	ng		96
55) 4-Nitrophenol	15.06	139	90484	37.04	ng		93
56) 2,4-Dinitrotoluene	15.19	165	199894	40.36	ng	#	88
57) Fluorene	15.85	166	607321	40.33	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.44	232	183478	36.85	ng		94
59) Diethylphthalate	15.60	149	643238	39.39	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	350640	41.08	ng		95
61) 4-Nitroaniline	15.90	138	133915	40.69	ng	#	83
62) Azobenzene	16.13	77	681650	43.28	ng		99
64) 4,6-Dinitro-2-methylphenol	15.95	198	144259	42.34	ng		78
65) n-Nitrosodiphenylamine	16.05	169	541008	40.68	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	247098	40.71	ng		98
67) Hexachlorobenzene	16.86	284	277558	39.85	ng		94
68) Atrazine	16.99	200	188279	32.31	ng		95
69) Pentachlorophenol	17.21	266	126868	35.14	ng		94
70) Phenanthrene	17.69	178	1060231	41.82	ng		95
71) Anthracene	17.69	178	1060231	41.16	ng		98
72) Carbazole	17.97	167	968633	42.04	ng		97
73) Di-n-butylphthalate	18.48	149	1184066	41.77	ng		97
74) Fluoranthene	19.60	202	1429548	42.69	ng		94
76) Benzidine	19.78	184	552660	31.47	ng		95
77) Pyrene	19.96	202	1459983	39.68	ng		98
79) Butylbenzylphthalate	20.81	149	604755	40.93	ng		98
80) Benzo(a)anthracene	21.82	228	1600932	40.77	ng		97
81) 3,3'-Dichlorobenzidine	21.73	252	638391	41.86	ng		98
82) Chrysene	21.89	228	1543426	40.99	ng		99
83) Bis(2-ethylhexyl)phthalate	21.66	149	862055	41.93	ng		99
84) Di-n-octyl phthalate	22.92	149	1479941	43.36	ng		97
85) Indeno(1,2,3-cd)pyrene	29.13	276	2074307	43.33	ng	#	97
87) Benzo(b)fluoranthene	24.14	252	1695407m	40.71	ng		
88) Benzo(k)fluoranthene	24.21	252	1664260	41.38	ng		94
89) Benzo(a)pyrene	25.07	252	1653023	41.09	ng		95
90) Dibenzo(a,h)anthracene	29.18	278	1766246	41.43	ng		98
91) Benzo(g,h,i)perylene	30.37	276	1746876	41.23	ng		100

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

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