Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022551.D
Acq On : 24 Jun 2016 23:27
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
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6/27/2016 4:01:29 PM

Quant Time: Jun 27 14:29:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	109725	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	480153	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	354932	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	930410	20.00	ng		0.00
75) Chrysene-d12	21.84	240	1047066	20.00	ng		0.00
86) Perylene-d12	25.19	264	1104041	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	538010	78.65	ng		0.00
7) Phenol-d6	7.31	99	789206	81.85	ng		0.00
23) Nitrobenzene-d5	9.34	82	900815	79.40	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	449625	80.54	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	1790600	80.01	ng		0.00
78) Terphenyl-d14	20.15	244	2811199	71.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	104677	37.75	ng		97
3) Pyridine	4.00	79	299885	38.67	ng		96
4) n-Nitrosodimethylamine	3.90	42	175070	39.46	ng	#	94
6) Aniline	7.49	93	490760	38.39	ng		95
8) 2-Chlorophenol	7.73	128	284522	40.15	ng		98
9) Benzaldehyde	7.30	77	145298	42.82	ng		96
10) Phenol	7.33	94	418257	41.04	ng		97
11) bis(2-Chloroethyl)ether	7.58	93	343939	41.00	ng		96
12) 1,3-Dichlorobenzene	8.06	146	330133	38.29	ng		98
13) 1,4-Dichlorobenzene	8.20	146	344475	39.85	ng		92
14) 1,2-Dichlorobenzene	8.53	146	329917	40.13	ng		97
15) Benzyl Alcohol	8.40	79	364744	40.88	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	382671	41.24	ng		95
17) 2-Methylphenol	8.60	107	277820	41.36	ng		92
18) Hexachloroethane	9.27	117	147431	41.20	ng		93
19) n-Nitroso-di-n-propylamine	8.97	70	342346	42.63	ng		96
20) 3+4-Methylphenols	8.92	107	386506	41.77	ng		96
22) Acetophenone	9.00	105	548855	39.54	ng	#	97
24) Nitrobenzene	9.38	77	487376	38.87	ng		97
25) Isophorone	9.91	82	892994	40.55	ng		97
26) 2-Nitrophenol	10.09	139	183628	40.66	ng		95
27) 2,4-Dimethylphenol	10.14	122	316435	36.67	ng		96
28) bis(2-Chloroethoxy)methane	10.39	93	478086	39.76	ng		99
29) 2,4-Dichlorophenol	10.63	162	340974	40.56	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	394217	39.49	ng		97
31) Naphthalene	11.05	128	939459	38.92	ng		99
32) Benzoic acid	10.26	122	226257	40.95	ng		96
33) 4-Chloroaniline	11.18	127	449566m	43.24	ng		
34) Hexachlorobutadiene	11.32	225	299493	38.60	ng		94
35) Caprolactam	11.93	113	123600m	46.67	ng		
36) 4-Chloro-3-methylphenol	12.25	107	437186	42.36	ng		95
37) 2-Methylnaphthalene	12.64	142	744340	39.77	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	490760	36.62	ng		99
40) Hexachlorocyclopentadiene	12.98	237	394862	36.91	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	333613	38.83	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	358612	39.89	ng		93
45) 1,1'-Biphenyl	13.64	154	1024000	37.87	ng		98
46) 2-Chloronaphthalene	13.68	162	836219	37.59	ng		97
47) 2-Nitroaniline	13.88	65	347118	40.42	ng		92
48) Acenaphthylene	14.52	152	1266253	39.24	ng		100
49) Dimethylphthalate	14.25	163	1168188	39.68	ng		97
50) 2,6-Dinitrotoluene	14.37	165	257826	40.30	ng		91
51) Acenaphthene	14.87	154	953686	40.12	ng		97
52) 3-Nitroaniline	14.70	138	250068	41.77	ng		94
53) 2,4-Dinitrophenol	14.90	184	179323	45.51	ng		94
54) Dibenzofuran	15.20	168	1358197	39.45	ng		100
55) 4-Nitrophenol	14.99	139	202495	40.00	ng		88
56) 2,4-Dinitrotoluene	15.15	165	376908	42.53	ng		95
57) Fluorene	15.85	166	1094939	39.85	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	372828	40.00	ng		98
59) Diethylphthalate	15.61	149	1230747	40.66	ng		96
60) 4-Chlorophenyl-phenylether	15.84	204	643734	39.35	ng		99
61) 4-Nitroaniline	15.86	138	258948	41.92	ng	#	87
62) Azobenzene	16.13	77	1315930	40.14	ng		96
64) 4,6-Dinitro-2-methylphenol	15.92	198	255322	40.92	ng		97
65) n-Nitrosodiphenylamine	16.05	169	1025705	37.88	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	451383	37.40	ng		99
67) Hexachlorobenzene	16.85	284	483484	37.88	ng		97
68) Atrazine	17.00	200	436045	38.14	ng		97
69) Pentachlorophenol	17.19	266	336814	38.35	ng		95
70) Phenanthrene	17.59	178	1842532	38.83	ng		99
71) Anthracene	17.69	178	1874496	38.38	ng		98
72) Carbazole	17.95	167	1662869	40.17	ng		98
73) Di-n-butylphthalate	18.50	149	1979334	41.06	ng		99
74) Fluoranthene	19.59	202	2231027	40.81	ng		98
76) Benzidine	19.81	184	133016m	11.93	ng		
77) Pyrene	19.95	202	2249205	40.33	ng		97
79) Butylbenzylphthalate	20.83	149	961203	39.82	ng		95
80) Benzo(a)anthracene	21.82	228	2357225	40.69	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	909814	38.02	ng	#	99
82) Chrysene	21.89	228	2182420	40.09	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1317748	38.77	ng		100
84) Di-n-octyl phthalate	22.98	149	2187182	39.03	ng		99
85) Indeno(1,2,3-cd)pyrene	29.05	276	2836110	39.64	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	2496951m	37.61	ng		
88) Benzo(k)fluoranthene	24.20	252	2447952	39.01	ng		98
89) Benzo(a)pyrene	25.04	252	2479576	38.31	ng		99
90) Dibenzo(a,h)anthracene	29.13	278	2355320	38.66	ng	#	95
91) Benzo(g,h,i)perylene	30.25	276	2338372	37.70	ng	#	94

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

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