Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025496.D
Acq On : 13 Jan 2017 00:14
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
1/13/2017 3:06:54 PM

Quant Time: Jan 13 02:24:54 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	8.20	152	81071	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	354303	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	281952	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	642518	20.00	ng		0.00
75) Chrysene-d12	21.86	240	872023	20.00	ng		0.00
86) Perylene-d12	25.26	264	936728	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	390655	87.59	ng		0.00
7) Phenol-d6	7.36	99	560014	89.15	ng		0.00
23) Nitrobenzene-d5	9.39	82	665095	82.93	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	362568	79.87	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1404611	80.65	ng		0.00
78) Terphenyl-d14	20.16	244	2523423	76.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	79300	41.67	ng		93
3) Pyridine	4.00	79	235892	42.76	ng		99
4) n-Nitrosodimethylamine	3.92	42	148263	45.28	ng		98
6) Aniline	7.52	93	368739	43.32	ng		98
8) 2-Chlorophenol	7.77	128	217474	43.22	ng		90
9) Benzaldehyde	7.34	77	188363	40.98	ng		94
10) Phenol	7.39	94	300837	43.20	ng		99
11) bis(2-Chloroethyl)ether	7.61	93	230091	42.88	ng		91
12) 1,3-Dichlorobenzene	8.09	146	259816	42.67	ng		95
13) 1,4-Dichlorobenzene	8.23	146	258891	41.03	ng		95
14) 1,2-Dichlorobenzene	8.56	146	249603	41.45	ng		99
15) Benzyl Alcohol	8.45	79	265774	44.32	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.72	45	449807	45.27	ng		97
17) 2-Methylphenol	8.65	107	201878	44.15	ng		100
18) Hexachloroethane	9.29	117	107237	44.25	ng		93
19) n-Nitroso-di-n-propylamine	9.01	70	226879	42.76	ng		94
20) 3+4-Methylphenols	8.98	107	278242	43.96	ng		93
22) Acetophenone	9.04	105	394776	40.10	ng	#	98
24) Nitrobenzene	9.43	77	359044	40.82	ng		95
25) Isophorone	9.94	82	603023	41.53	ng		97
26) 2-Nitrophenol	10.14	139	143816	42.75	ng		90
27) 2,4-Dimethylphenol	10.19	122	211147	38.17	ng		85
28) bis(2-Chloroethoxy)methane	10.42	93	302806	40.15	ng		98
29) 2,4-Dichlorophenol	10.68	162	246369	41.62	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	284260	39.75	ng		96
31) Naphthalene	11.08	128	721898	40.80	ng		97
32) Benzoic acid	10.36	122	188820	42.45	ng		96
33) 4-Chloroaniline	11.20	127	314490	42.26	ng	#	94
34) Hexachlorobutadiene	11.34	225	236881	40.58	ng		96
35) Caprolactam	11.99	113	86356	38.83	ng		94
36) 4-Chloro-3-methylphenol	12.31	107	307538	42.09	ng		97
37) 2-Methylnaphthalene	12.67	142	540732	41.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	388211	41.70	ng		97
40) Hexachlorocyclopentadiene	12.99	237	125406	41.47	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	235313	40.15	ng		94
43) 2,4,5-Trichlorophenol	13.36	196	244206	39.80	ng		96
45) 1,1'-Biphenyl	13.66	154	776037	40.92	ng		96
46) 2-Chloronaphthalene	13.72	162	605438	40.86	ng		98
47) 2-Nitroaniline	13.93	65	273775	43.78	ng		97
48) Acenaphthylene	14.56	152	937453	40.82	ng		99
49) Dimethylphthalate	14.27	163	831962	40.47	ng		97
50) 2,6-Dinitrotoluene	14.41	165	185327	41.27	ng		95
51) Acenaphthene	14.89	154	612139	40.76	ng		97
52) 3-Nitroaniline	14.76	138	180540	41.82	ng		97
53) 2,4-Dinitrophenol	14.98	184	106539	38.96	ng		95
54) Dibenzofuran	15.23	168	967316	40.74	ng		97
55) 4-Nitrophenol	15.07	139	133413	41.38	ng		92
56) 2,4-Dinitrotoluene	15.21	165	277925	42.51	ng	#	91
57) Fluorene	15.87	166	813285	40.91	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.45	232	259900	39.55	ng		93
59) Diethylphthalate	15.62	149	872340	40.47	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	466535	41.41	ng		94
61) 4-Nitroaniline	15.92	138	188744	43.45	ng		92
62) Azobenzene	16.15	77	882807	42.47	ng		98
64) 4,6-Dinitro-2-methylphenol	15.97	198	203934	45.83	ng		86
65) n-Nitrosodiphenylamine	16.07	169	731784	42.14	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	333875	42.12	ng		94
67) Hexachlorobenzene	16.88	284	377123	41.46	ng		91
68) Atrazine	17.01	200	240542	31.61	ng		98
69) Pentachlorophenol	17.23	266	179726	38.11	ng		92
70) Phenanthrene	17.62	178	1367032	41.29	ng		97
71) Anthracene	17.71	178	1390763	41.34	ng		98
72) Carbazole	17.98	167	1224606	40.69	ng		98
73) Di-n-butylphthalate	18.49	149	1501655	40.56	ng		98
74) Fluoranthene	19.61	202	1791859	40.97	ng		97
76) Benzidine	19.79	184	741983	34.11	ng		98
77) Pyrene	19.98	202	1841244	40.40	ng		99
79) Butylbenzylphthalate	20.82	149	762302	41.66	ng		99
80) Benzo(a)anthracene	21.85	228	1996286	41.04	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	806608	42.70	ng		97
82) Chrysene	21.91	228	1917951	41.12	ng		99
83) Bis(2-ethylhexyl)phthalate	21.68	149	1072600	42.12	ng		99
84) Di-n-octyl phthalate	22.94	149	1837864	43.47	ng		97
85) Indeno(1,2,3-cd)pyrene	29.19	276	2595280	43.77	ng		99
87) Benzo(b)fluoranthene	24.17	252	2105748m	41.20	ng		
88) Benzo(k)fluoranthene	24.24	252	2046792	41.47	ng		98
89) Benzo(a)pyrene	25.11	252	2067628	41.89	ng		98
90) Dibenzo(a,h)anthracene	29.23	278	2210535	42.25	ng		98
91) Benzo(g,h,i)perylene	30.41	276	2196114	42.24	ng		98

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

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