Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081716\
Data File : BG023750.D
Acq On : 17 Aug 2016 15:12
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 17 15:59:52 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	134513	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	613155	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	397740	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	865080	20.00	ng		0.01
75) Chrysene-d12	21.88	240	846822	20.00	ng		0.02
86) Perylene-d12	25.30	264	826315	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	623117	77.98	ng		0.00
7) Phenol-d6	7.28	99	959548	77.09	ng		0.00
23) Nitrobenzene-d5	9.30	82	973174	78.91	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	416122	71.53	ng		0.01
44) 2-Fluorobiphenyl	13.40	172	1886588	80.00	ng		0.00
78) Terphenyl-d14	20.16	244	2259823	83.08	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	111632	32.79	ng		90
3) Pyridine	3.92	79	369802	33.05	ng		94
4) n-Nitrosodimethylamine	3.83	42	157747	38.03	ng	#	82
6) Aniline	7.43	93	594854	33.08	ng		97
8) 2-Chlorophenol	7.68	128	345528	37.64	ng		98
9) Benzaldehyde	7.25	77	280896	39.51	ng		93
10) Phenol	7.30	94	488084	36.66	ng		84
11) bis(2-Chloroethyl)ether	7.53	93	384913	36.24	ng		92
12) 1,3-Dichlorobenzene	8.00	146	400579	38.11	ng		93
13) 1,4-Dichlorobenzene	8.16	146	406690	37.80	ng		93
14) 1,2-Dichlorobenzene	8.48	146	386996	36.66	ng		94
15) Benzyl Alcohol	8.36	79	383062	40.62	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.64	45	570429	36.52	ng		88
17) 2-Methylphenol	8.57	107	327075	36.64	ng	#	92
18) Hexachloroethane	9.21	117	157814	38.97	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	378319	35.34	ng		98
20) 3+4-Methylphenols	8.90	107	465827	37.02	ng		91
22) Acetophenone	8.95	105	630694	37.57	ng	#	93
24) Nitrobenzene	9.34	77	554374	40.59	ng	#	88
25) Isophorone	9.87	82	986997	38.42	ng		95
26) 2-Nitrophenol	10.06	139	238062	41.30	ng	#	79
27) 2,4-Dimethylphenol	10.12	122	379619	38.68	ng		83
28) bis(2-Chloroethoxy)methane	10.35	93	526182	34.07	ng		99
29) 2,4-Dichlorophenol	10.60	162	392891	39.81	ng		98
30) 1,2,4-Trichlorobenzene	10.81	180	426525	40.07	ng		99
31) Naphthalene	11.01	128	1180287	37.80	ng		99
32) Benzoic acid	10.29	122	322563	37.35	ng	#	88
33) 4-Chloroaniline	11.12	127	498864	33.42	ng		96
34) Hexachlorobutadiene	11.28	225	282392	40.34	ng		97
35) Caprolactam	11.90	113	136191	32.80	ng		92
36) 4-Chloro-3-methylphenol	12.25	107	476560	36.75	ng		93
37) 2-Methylnaphthalene	12.61	142	861417	36.29	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	601193	41.68	ng		98
40) Hexachlorocyclopentadiene	12.95	237	64868	8.92	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	338824	39.43	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	353007	39.91	ng		91
45) 1,1'-Biphenyl	13.61	154	1192234	39.21	ng		95
46) 2-Chloronaphthalene	13.66	162	926996	39.41	ng		98
47) 2-Nitroaniline	13.87	65	366881	37.57	ng	#	88
48) Acenaphthylene	14.51	152	1448588	38.96	ng		98
49) Dimethylphthalate	14.23	163	1189500	38.98	ng		99
50) 2,6-Dinitrotoluene	14.37	165	269256	37.26	ng		86
51) Acenaphthene	14.85	154	909264	38.60	ng		98
52) 3-Nitroaniline	14.70	138	276341	33.91	ng	#	80
53) 2,4-Dinitrophenol	14.92	184	110682	23.89	ng	#	88
54) Dibenzofuran	15.19	168	1283536	37.53	ng		96
55) 4-Nitrophenol	15.02	139	205168	32.06	ng	#	80
56) 2,4-Dinitrotoluene	15.16	165	386811	38.14	ng		95
57) Fluorene	15.84	166	1123727	37.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	285609	35.19	ng	#	92
59) Diethylphthalate	15.59	149	1191610	38.47	ng		98
60) 4-Chlorophenyl-phenylether	15.82	204	601277	38.07	ng		99
61) 4-Nitroaniline	15.88	138	283346	32.66	ng	#	68
62) Azobenzene	16.12	77	1193043	38.00	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	200113	34.02	ng		92
65) n-Nitrosodiphenylamine	16.05	169	984701	38.81	ng		93
66) 4-Bromophenyl-phenylether	16.73	248	399959	39.67	ng		97
67) Hexachlorobenzene	16.86	284	418160	37.91	ng		99
68) Atrazine	17.00	200	380457	39.05	ng		96
69) Pentachlorophenol	17.21	266	198125	30.81	ng		98
70) Phenanthrene	17.60	178	1671090	38.07	ng		98
71) Anthracene	17.69	178	1699443	38.49	ng		99
72) Carbazole	17.96	167	1525393	39.35	ng		99
73) Di-n-butylphthalate	18.50	149	1838856	47.14	ng		98
74) Fluoranthene	19.61	202	1858395	45.03	ng		96
76) Benzidine	19.79	184	801182	34.03	ng		99
77) Pyrene	19.98	202	1887763	37.99	ng		99
79) Butylbenzylphthalate	20.85	149	867354	42.54	ng		99
80) Benzo(a)anthracene	21.86	228	1804716	38.61	ng		97
81) 3,3'-Dichlorobenzidine	21.77	252	750893	39.16	ng	#	96
82) Chrysene	21.93	228	1713011	38.52	ng		98
83) Bis(2-ethylhexyl)phthalate	21.73	149	1195441	42.81	ng	#	98
84) Di-n-octyl phthalate	23.01	149	1988756	41.73	ng		100
85) Indeno(1,2,3-cd)pyrene	29.23	276	2060591	37.08	ng	#	100
87) Benzo(b)fluoranthene	24.21	252	1784901	38.39	ng	#	98
88) Benzo(k)fluoranthene	24.28	252	1752689	39.25	ng	#	96
89) Benzo(a)pyrene	25.14	252	1740495	39.36	ng	#	97
90) Dibenzo(a,h)anthracene	29.29	278	1771604	39.22	ng	#	92
91) Benzo(g,h,i)perylene	30.46	276	1665428	36.62	ng	#	93

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

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