Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023278.D
Acq On : 27 Jul 2016 11:36
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 28 01:05:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	189705	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	864935	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	541201	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1236973	20.00	ng		0.00
75) Chrysene-d12	21.89	240	1260315	20.00	ng		0.00
86) Perylene-d12	25.30	264	1321421	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	1012536	91.12	ng		0.00
7) Phenol-d6	7.29	99	1446110	84.76	ng		0.00
23) Nitrobenzene-d5	9.32	82	1370575	77.49	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	541684	96.70	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2598617	89.87	ng		0.00
78) Terphenyl-d14	20.18	244	3038636	78.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	223133	46.82	ng	#	91
3) Pyridine	3.94	79	666653	39.97	ng		91
4) n-Nitrosodimethylamine	3.85	42	246084	32.65	ng	#	69
6) Aniline	7.45	93	927891	40.72	ng		94
8) 2-Chlorophenol	7.70	128	545936	44.03	ng		97
9) Benzaldehyde	7.27	77	465071	37.95	ng		93
10) Phenol	7.31	94	762660	42.37	ng	#	79
11) bis(2-Chloroethyl)ether	7.55	93	620894	40.58	ng		96
12) 1,3-Dichlorobenzene	8.02	146	623237	44.61	ng	#	91
13) 1,4-Dichlorobenzene	8.17	146	631469	44.30	ng		94
14) 1,2-Dichlorobenzene	8.49	146	601571	43.75	ng	#	90
15) Benzyl Alcohol	8.38	79	470633	40.99	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.66	45	923328	37.92	ng		90
17) 2-Methylphenol	8.58	107	514214	41.79	ng	#	87
18) Hexachloroethane	9.23	117	234102	39.42	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	556796	36.28	ng		95
20) 3+4-Methylphenols	8.91	107	711891	42.55	ng		90
22) Acetophenone	8.97	105	934373	41.38	ng	#	90
24) Nitrobenzene	9.36	77	798851	38.89	ng	#	86
25) Isophorone	9.88	82	1450679	39.71	ng	#	93
26) 2-Nitrophenol	10.08	139	334851	43.16	ng	#	72
27) 2,4-Dimethylphenol	10.13	122	566409	43.32	ng	#	80
28) bis(2-Chloroethoxy)methane	10.36	93	820962	40.05	ng		97
29) 2,4-Dichlorophenol	10.62	162	559316	44.18	ng		98
30) 1,2,4-Trichlorobenzene	10.83	180	600561	42.93	ng		98
31) Naphthalene	11.03	128	1742592	43.36	ng		98
32) Benzoic acid	10.27	122	387273	38.34	ng	#	85
33) 4-Chloroaniline	11.13	127	767718	41.35	ng		92
34) Hexachlorobutadiene	11.30	225	371503	40.52	ng		94
35) Caprolactam	11.91	113	215275	39.99	ng		93
36) 4-Chloro-3-methylphenol	12.26	107	664894	39.98	ng	#	87
37) 2-Methylnaphthalene	12.63	142	1260902	42.31	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	800046	45.66	ng		98
40) Hexachlorocyclopentadiene	12.97	237	380324	45.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	480819	46.72	ng		97
43) 2,4,5-Trichlorophenol	13.31	196	494008	45.25	ng		94
45) 1,1'-Biphenyl	13.63	154	1724791	45.70	ng		92
46) 2-Chloronaphthalene	13.68	162	1356157	44.84	ng		97
47) 2-Nitroaniline	13.89	65	504614	39.44	ng		88
48) Acenaphthylene	14.53	152	2087027	45.07	ng		95
49) Dimethylphthalate	14.26	163	1690386	42.32	ng		97
50) 2,6-Dinitrotoluene	14.38	165	401640	42.95	ng	#	78
51) Acenaphthene	14.87	154	1346304	44.82	ng		99
52) 3-Nitroaniline	14.72	138	425250	45.14	ng	#	79
53) 2,4-Dinitrophenol	14.93	184	231475	42.27	ng	#	80
54) Dibenzofuran	15.21	168	1870514	44.01	ng		95
55) 4-Nitrophenol	15.03	139	363103	44.44	ng	#	71
56) 2,4-Dinitrotoluene	15.17	165	564738	42.88	ng	#	90
57) Fluorene	15.86	166	1623481	43.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	404857	43.80	ng	#	91
59) Diethylphthalate	15.62	149	1705255	41.69	ng		96
60) 4-Chlorophenyl-phenylether	15.85	204	854054	42.04	ng		96
61) 4-Nitroaniline	15.89	138	449340	45.49	ng	#	61
62) Azobenzene	16.14	77	1734275	40.89	ng		89
64) 4,6-Dinitro-2-methylphenol	15.94	198	345653	43.51	ng		91
65) n-Nitrosodiphenylamine	16.07	169	1451789	43.96	ng		93
66) 4-Bromophenyl-phenylether	16.75	248	566481	45.29	ng		98
67) Hexachlorobenzene	16.87	284	579239	46.06	ng		93
68) Atrazine	17.02	200	554601	43.78	ng		96
69) Pentachlorophenol	17.22	266	355897	45.85	ng		98
70) Phenanthrene	17.62	178	2461932	45.50	ng		93
71) Anthracene	17.71	178	2519737	46.09	ng		93
72) Carbazole	17.98	167	2317529	46.29	ng		97
73) Di-n-butylphthalate	18.52	149	2601767	46.57	ng		97
74) Fluoranthene	19.63	202	2781094	45.04	ng		90
76) Benzidine	19.80	184	1741101	49.12	ng		97
77) Pyrene	19.99	202	2813097	39.33	ng		93
79) Butylbenzylphthalate	20.87	149	1291248	41.04	ng		99
80) Benzo(a)anthracene	21.87	228	2732308	41.41	ng		97
81) 3,3'-Dichlorobenzidine	21.78	252	1186075	44.33	ng	#	95
82) Chrysene	21.95	228	2623777	41.16	ng		93
83) Bis(2-ethylhexyl)phthalate	21.75	149	1820347	41.35	ng	#	96
84) Di-n-octyl phthalate	23.03	149	2933786	40.74	ng		98
85) Indeno(1,2,3-cd)pyrene	29.21	276	3575001	48.07	ng	#	100
87) Benzo(b)fluoranthene	24.21	252	2906262	41.40	ng	#	93
88) Benzo(k)fluoranthene	24.28	252	2860086	40.76	ng	#	92
89) Benzo(a)pyrene	25.14	252	2844188	41.35	ng	#	96
90) Dibenzo(a,h)anthracene	29.27	278	2916765	44.82	ng	#	88
91) Benzo(g,h,i)perylene	30.42	276	2952518	43.10	ng	#	86

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

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