Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090716\
Data File : BG023956.D
Acq On : 7 Sep 2016 14:32
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 08 08:45:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 20:05:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	40567	20.00	ng		0.01
21) Naphthalene-d8	10.93	136	207329	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	164901	20.00	ng		0.01
63) Phenanthrene-d10	17.53	188	426268	20.00	ng		0.00
75) Chrysene-d12	21.84	240	457121	20.00	ng		0.00
86) Perylene-d12	25.22	264	448621	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	202903	87.81	ng		0.00
7) Phenol-d6	7.27	99	308179	86.64	ng		0.00
23) Nitrobenzene-d5	9.28	82	398820	85.88	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	228271	76.83	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	901874	78.41	ng		0.00
78) Terphenyl-d14	20.13	244	1550677	77.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	40441	42.44	ng		94
3) Pyridine	3.91	79	133401	46.58	ng		92
4) n-Nitrosodimethylamine	3.83	42	77546	51.37	ng		80
6) Aniline	7.42	93	205151	43.45	ng		96
8) 2-Chlorophenol	7.66	128	110243	41.18	ng		96
9) Benzaldehyde	7.23	77	107654	42.60	ng		97
10) Phenol	7.30	94	162214	43.35	ng		95
11) bis(2-Chloroethyl)ether	7.51	93	120945	41.08	ng		90
12) 1,3-Dichlorobenzene	7.98	146	129835	41.44	ng		97
13) 1,4-Dichlorobenzene	8.13	146	132710	39.98	ng		95
14) 1,2-Dichlorobenzene	8.45	146	128726	41.32	ng		96
15) Benzyl Alcohol	8.35	79	149565	47.69	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	165432	41.92	ng		92
17) 2-Methylphenol	8.56	107	109042	43.25	ng		97
18) Hexachloroethane	9.18	117	54497	42.64	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	140781	44.80	ng	#	96
20) 3+4-Methylphenols	8.89	107	152149	43.31	ng		94
22) Acetophenone	8.94	105	218598	40.72	ng	#	98
24) Nitrobenzene	9.32	77	211668	42.39	ng		95
25) Isophorone	9.85	82	373187	41.44	ng		98
26) 2-Nitrophenol	10.04	139	79222	41.73	ng		95
27) 2,4-Dimethylphenol	10.10	122	139018	43.09	ng		91
28) bis(2-Chloroethoxy)methane	10.32	93	187162	41.16	ng		96
29) 2,4-Dichlorophenol	10.59	162	147496	43.15	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	146501	39.07	ng		97
31) Naphthalene	10.98	128	426163	39.89	ng		99
32) Benzoic acid	10.28	122	85550	32.65	ng	#	81
33) 4-Chloroaniline	11.10	127	190402	42.68	ng		96
34) Hexachlorobutadiene	11.26	225	122962	43.67	ng		95
35) Caprolactam	11.90	113	50737	42.11	ng		97
36) 4-Chloro-3-methylphenol	12.23	107	202244	44.28	ng		98
37) 2-Methylnaphthalene	12.59	142	331777	40.82	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	221509	40.47	ng		99
40) Hexachlorocyclopentadiene	12.92	237	110407	37.60	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	151223	41.40	ng		93
43) 2,4,5-Trichlorophenol	13.29	196	155812	42.20	ng		95
45) 1,1'-Biphenyl	13.59	154	520297	39.23	ng		98
46) 2-Chloronaphthalene	13.64	162	379822	39.01	ng		95
47) 2-Nitroaniline	13.86	65	172953	45.09	ng		99
48) Acenaphthylene	14.49	152	640998	39.49	ng		99
49) Dimethylphthalate	14.22	163	542917	38.40	ng		98
50) 2,6-Dinitrotoluene	14.35	165	115065	38.55	ng		96
51) Acenaphthene	14.83	154	395939	39.46	ng		98
52) 3-Nitroaniline	14.69	138	117442	42.06	ng		88
53) 2,4-Dinitrophenol	14.90	184	62256	32.72	ng		93
54) Dibenzofuran	15.17	168	615977	39.33	ng		97
55) 4-Nitrophenol	15.03	139	78139	35.18	ng		94
56) 2,4-Dinitrotoluene	15.15	165	169697	38.68	ng		90
57) Fluorene	15.81	166	533643	39.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	156221	41.68	ng		96
59) Diethylphthalate	15.57	149	568367	37.65	ng		97
60) 4-Chlorophenyl-phenylether	15.80	204	290860	39.78	ng		98
61) 4-Nitroaniline	15.86	138	107784	38.19	ng		90
62) Azobenzene	16.10	77	603713	41.29	ng		95
64) 4,6-Dinitro-2-methylphenol	15.91	198	115272	38.95	ng		93
65) n-Nitrosodiphenylamine	16.02	169	489715	40.45	ng		100
66) 4-Bromophenyl-phenylether	16.70	248	209346	40.37	ng		95
67) Hexachlorobenzene	16.83	284	237729	39.08	ng		96
68) Atrazine	16.97	200	208688	40.06	ng		99
69) Pentachlorophenol	17.18	266	121243	37.53	ng		97
70) Phenanthrene	17.57	178	877112	39.55	ng		99
71) Anthracene	17.66	178	884760	39.11	ng		97
72) Carbazole	17.94	167	785395	38.26	ng		97
73) Di-n-butylphthalate	18.47	149	950934	38.83	ng		97
74) Fluoranthene	19.58	202	1032038	38.66	ng		94
76) Benzidine	19.77	184	518320	36.62	ng		96
77) Pyrene	19.95	202	1074915	38.23	ng		94
79) Butylbenzylphthalate	20.81	149	433235	39.97	ng		96
80) Benzo(a)anthracene	21.82	228	1045427	40.85	ng		96
81) 3,3'-Dichlorobenzidine	21.73	252	412483	40.33	ng		95
82) Chrysene	21.89	228	990560	40.67	ng		97
83) Bis(2-ethylhexyl)phthalate	21.69	149	605922	40.83	ng		96
84) Di-n-octyl phthalate	22.95	149	1001990	41.17	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	1173167	43.50	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1031828	40.49	ng		98
88) Benzo(k)fluoranthene	24.20	252	1038200	41.09	ng	#	98
89) Benzo(a)pyrene	25.06	252	985348	40.72	ng		98
90) Dibenzo(a,h)anthracene	29.14	278	964630	40.53	ng	#	98
91) Benzo(g,h,i)perylene	30.30	276	969080	42.34	ng		98

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

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