Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023111.D
Acq On : 15 Jul 2016 13:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 15 23:11:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	92677	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	431834	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	337319	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	784465	20.00	ng		0.00
75) Chrysene-d12	21.86	240	848643	20.00	ng		0.01
86) Perylene-d12	25.23	264	864962	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	464098	81.90	ng		0.00
7) Phenol-d6	7.31	99	743302	83.75	ng		0.00
23) Nitrobenzene-d5	9.33	82	836862	82.98	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	394304	65.04	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1684427	78.66	ng		0.00
78) Terphenyl-d14	20.15	244	2368198	90.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	96381	43.76	ng	#	95
3) Pyridine	3.97	79	316390	41.98	ng		95
4) n-Nitrosodimethylamine	3.89	42	134884	41.71	ng	#	95
6) Aniline	7.47	93	501068	40.74	ng		98
8) 2-Chlorophenol	7.72	128	245178	40.66	ng		96
9) Benzaldehyde	7.29	77	239407	40.37	ng		94
10) Phenol	7.33	94	385677	42.24	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	283047	39.11	ng		85
12) 1,3-Dichlorobenzene	8.04	146	301583	40.86	ng		97
13) 1,4-Dichlorobenzene	8.19	146	303261	41.04	ng		94
14) 1,2-Dichlorobenzene	8.51	146	291615	39.69	ng		96
15) Benzyl Alcohol	8.39	79	329699	40.56	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	367065	41.52	ng		99
17) 2-Methylphenol	8.60	107	244306	41.10	ng		94
18) Hexachloroethane	9.24	117	123049	39.45	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	304762	38.09	ng		98
20) 3+4-Methylphenols	8.93	107	348290	42.01	ng		98
22) Acetophenone	8.98	105	506491	39.08	ng	#	95
24) Nitrobenzene	9.37	77	442453	41.29	ng		99
25) Isophorone	9.89	82	770910	38.01	ng		97
26) 2-Nitrophenol	10.08	139	165523	39.36	ng		94
27) 2,4-Dimethylphenol	10.14	122	287647	39.57	ng		87
28) bis(2-Chloroethoxy)methane	10.37	93	441092	38.99	ng		99
29) 2,4-Dichlorophenol	10.62	162	312799	40.35	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	348038	39.18	ng		98
31) Naphthalene	11.03	128	893233	40.63	ng		98
32) Benzoic acid	10.28	122	227212	34.36	ng	#	86
33) 4-Chloroaniline	11.14	127	438467	40.79	ng		95
34) Hexachlorobutadiene	11.31	225	273510	37.98	ng		96
35) Caprolactam	11.92	113	111370	34.92	ng		97
36) 4-Chloro-3-methylphenol	12.26	107	424657	40.05	ng		96
37) 2-Methylnaphthalene	12.63	142	708361	40.77	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	562546	38.70	ng		99
40) Hexachlorocyclopentadiene	12.97	237	445740	53.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	320371	38.34	ng		98
43) 2,4,5-Trichlorophenol	13.32	196	322398	37.58	ng		92
45) 1,1'-Biphenyl	13.63	154	1029437	40.67	ng		96
46) 2-Chloronaphthalene	13.68	162	837965	40.82	ng		97
47) 2-Nitroaniline	13.89	65	351151	40.08	ng		98
48) Acenaphthylene	14.53	152	1224887	39.77	ng		97
49) Dimethylphthalate	14.25	163	1008916	36.62	ng		99
50) 2,6-Dinitrotoluene	14.37	165	230895	37.29	ng		85
51) Acenaphthene	14.87	154	804045	39.95	ng		99
52) 3-Nitroaniline	14.71	138	234948	38.05	ng		96
53) 2,4-Dinitrophenol	14.91	184	160029	37.66	ng		93
54) Dibenzofuran	15.20	168	1173561	38.96	ng		98
55) 4-Nitrophenol	15.02	139	159269	30.77	ng		92
56) 2,4-Dinitrotoluene	15.16	165	328843	36.43	ng	#	98
57) Fluorene	15.85	166	1000701	38.60	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	295084	34.38	ng		98
59) Diethylphthalate	15.61	149	1034785	36.91	ng		98
60) 4-Chlorophenyl-phenylether	15.84	204	582771	36.90	ng		99
61) 4-Nitroaniline	15.88	138	256751	38.43	ng	#	75
62) Azobenzene	16.13	77	1115534	41.60	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	202623	34.75	ng		97
65) n-Nitrosodiphenylamine	16.05	169	934573	41.35	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	379969	37.23	ng		95
67) Hexachlorobenzene	16.86	284	420552	37.90	ng		96
68) Atrazine	17.00	200	374902	37.40	ng		98
69) Pentachlorophenol	17.21	266	228178	31.75	ng		96
70) Phenanthrene	17.60	178	1574543	40.96	ng		99
71) Anthracene	17.69	178	1603600	41.19	ng		100
72) Carbazole	17.96	167	1375344	40.89	ng		98
73) Di-n-butylphthalate	18.50	149	1637177	43.77	ng		99
74) Fluoranthene	19.60	202	1842938	39.06	ng		99
76) Benzidine	19.78	184	914331	37.58	ng		99
77) Pyrene	19.97	202	1946473	40.82	ng		98
79) Butylbenzylphthalate	20.84	149	811326	42.95	ng		96
80) Benzo(a)anthracene	21.84	228	1958297	41.24	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	811041	38.92	ng	#	97
82) Chrysene	21.91	228	1836743	41.24	ng		99
83) Bis(2-ethylhexyl)phthalate	21.71	149	1116246	42.56	ng	#	99
84) Di-n-octyl phthalate	22.98	149	1892586	43.27	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	1986959	34.99	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	1986022	39.80	ng		99
88) Benzo(k)fluoranthene	24.22	252	1986209	41.94	ng	#	99
89) Benzo(a)pyrene	25.07	252	1929625	40.34	ng	#	98
90) Dibenzo(a,h)anthracene	29.16	278	1680611	35.40	ng	#	95
91) Benzo(g,h,i)perylene	30.29	276	1697789	35.71	ng	#	96

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

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