Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022706.D
Acq On : 29 Jun 2016 23:19
Operator : UM/SJ
Sample : H3828-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0581MS

Quant Time: Jun 30 04:56:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	89961	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	440970	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	365264	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1002529	20.00	ng		0.00
75) Chrysene-d12	21.84	240	1117186	20.00	ng		0.00
86) Perylene-d12	25.20	264	1176689	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	392441	69.97	ng		0.00
7) Phenol-d6	7.30	99	422106	53.39	ng		0.00
23) Nitrobenzene-d5	9.33	82	822274	78.92	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	848399	147.67	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1903848	82.66	ng		0.00
78) Terphenyl-d14	20.15	244	2884425	68.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	38336	16.86	ng		94
3) Pyridine	3.98	79	42447	6.68	ng		90
4) n-Nitrosodimethylamine	3.90	42	30901	8.50	ng	#	95
6) Aniline	7.48	93	149453	14.26	ng		90
8) 2-Chlorophenol	7.71	128	113512	19.54	ng		98
9) Benzaldehyde	7.29	77	109276	39.28	ng		92
10) Phenol	7.33	94	75272	9.01	ng		93
11) bis(2-Chloroethyl)ether	7.57	93	138888	20.19	ng		95
12) 1,3-Dichlorobenzene	8.05	146	120156	17.00	ng		97
13) 1,4-Dichlorobenzene	8.20	146	123025	17.36	ng		99
14) 1,2-Dichlorobenzene	8.51	146	122578	18.19	ng		96
15) Benzyl Alcohol	8.40	79	123345	16.86	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	154577	20.32	ng		99
17) 2-Methylphenol	8.59	107	100324	18.22	ng	#	86
18) Hexachloroethane	9.25	117	47367	16.15	ng	#	83
19) n-Nitroso-di-n-propylamine	8.96	70	151573	23.02	ng		95
20) 3+4-Methylphenols	8.92	107	122868	16.20	ng		91
22) Acetophenone	8.98	105	252666	19.82	ng	#	95
24) Nitrobenzene	9.37	77	218340	18.96	ng		91
25) Isophorone	9.89	82	439655	21.74	ng		99
26) 2-Nitrophenol	10.09	139	82116	19.80	ng	#	81
27) 2,4-Dimethylphenol	10.13	122	146039	18.43	ng		97
28) bis(2-Chloroethoxy)methane	10.38	93	233503	21.14	ng		96
29) 2,4-Dichlorophenol	10.62	162	163715	21.20	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	161164	17.58	ng		93
31) Naphthalene	11.03	128	431307	19.46	ng		98
32) Benzoic acid	10.21	122	36702	11.44	ng	#	81
33) 4-Chloroaniline	11.14	127	158583	16.61	ng		96
34) Hexachlorobutadiene	11.32	225	121284	17.02	ng		92
35) Caprolactam	11.94	113	12289m	5.05	ng		
36) 4-Chloro-3-methylphenol	12.24	107	204174	21.54	ng		94
37) 2-Methylnaphthalene	12.63	142	367606	21.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	239586	17.37	ng		99
40) Hexachlorocyclopentadiene	12.97	237	438136	39.80	ng		95

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022706.D
Acq On : 29 Jun 2016 23:19
Operator : UM/SJ
Sample : H3828-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0581MS

Quant Time: Jun 30 04:56:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	180967	20.47 ng		90
43) 2,4,5-Trichlorophenol	13.30	196	202831	21.92 ng		95
45) 1,1'-Biphenyl	13.63	154	550268	19.78 ng		99
46) 2-Chloronaphthalene	13.68	162	439677	19.20 ng		95
47) 2-Nitroaniline	13.88	65	186643	21.12 ng		89
48) Acenaphthylene	14.52	152	704939	21.23 ng		99
49) Dimethylphthalate	14.24	163	766962	25.31 ng		98
50) 2,6-Dinitrotoluene	14.37	165	151844	23.06 ng		87
51) Acenaphthene	14.86	154	452849	18.51 ng		97
52) 3-Nitroaniline	14.70	138	111548	18.11 ng	#	96
53) 2,4-Dinitrophenol	14.91	184	270589	66.72 ng		91
54) Dibenzofuran	15.20	168	777121	21.93 ng		97
55) 4-Nitrophenol	14.99	139	160650	30.84 ng		95
56) 2,4-Dinitrotoluene	15.15	165	217371	23.83 ng		97
57) Fluorene	15.85	166	651909	23.06 ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	229785m	23.95 ng		
59) Diethylphthalate	15.60	149	758000	24.33 ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	389114	23.12 ng		95
61) 4-Nitroaniline	15.86	138	144954	22.80 ng	#	81
62) Azobenzene	16.13	77	751009	22.26 ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	140193	20.85 ng		96
65) n-Nitrosodiphenylamine	16.05	169	609299	20.89 ng		98
66) 4-Bromophenyl-phenylether	16.73	248	273634	21.04 ng		95
67) Hexachlorobenzene	16.85	284	295546	21.49 ng		98
68) Atrazine	16.99	200	269055	21.84 ng		97
69) Pentachlorophenol	17.20	266	575916	60.85 ng		98
70) Phenanthrene	17.60	178	1144007	22.38 ng		98
71) Anthracene	17.68	178	1155777	21.96 ng		98
72) Carbazole	17.96	167	1002874	22.48 ng		96
73) Di-n-butylphthalate	18.50	149	1155846	22.25 ng		96
74) Fluoranthene	19.60	202	1382456	23.47 ng		96
76) Benzidine	19.78	184	398657	33.52 ng		99
77) Pyrene	19.96	202	1384851	23.27 ng		95
79) Butylbenzylphthalate	20.83	149	545932	21.19 ng		93
80) Benzo(a)anthracene	21.82	228	1448153	23.43 ng		94
81) 3,3'-Dichlorobenzidine	21.73	252	433676	16.98 ng		99
82) Chrysene	21.89	228	1375768	23.68 ng		99
83) Bis(2-ethylhexyl)phthalate	21.71	149	753787	20.78 ng		98
84) Di-n-octyl phthalate	22.97	149	1281854	21.44 ng		96
85) Indeno(1,2,3-cd)pyrene	29.04	276	1691774	22.16 ng	#	100
87) Benzo(b)fluoranthene	24.12	252	1557815	22.02 ng		99
88) Benzo(k)fluoranthene	24.19	252	1481663	22.15 ng	#	97
89) Benzo(a)pyrene	25.04	252	1422237	20.62 ng		98
90) Dibenzo(a,h)anthracene	29.10	278	1438869	22.16 ng	#	95
91) Benzo(g,h,i)perylene	30.23	276	1419351	21.47 ng	#	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062916\
Data File : BG022706.D
Acq On : 29 Jun 2016 23:19
Operator : UM/SJ
Sample : H3828-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0581MS

Quant Time: Jun 30 04:56:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration