Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025441.D
Acq On : 9 Jan 2017 22:08
Operator : UM/SJ
Sample : I1073-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Manual Integrations APPROVED
Sohil
1/10/2017 9:59:48 AM

Quant Time: Jan 10 00:25:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	57952	20.00	ng		-0.01
21) Naphthalene-d8	11.03	136	237943	20.00	ng		-0.01
38) Acenaphthene-d10	14.83	164	191872	20.00	ng		-0.01
63) Phenanthrene-d10	17.57	188	457715	20.00	ng		-0.01
75) Chrysene-d12	21.86	240	637199	20.00	ng		-0.02
86) Perylene-d12	25.26	264	427810	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	462219	144.98	ng		-0.01
7) Phenol-d6	7.36	99	616578	137.32	ng		-0.01
23) Nitrobenzene-d5	9.38	82	503493	93.48	ng		-0.02
41) 2,4,6-Tribromophenol	16.32	330	433895	140.46	ng		-0.01
44) 2-Fluorobiphenyl	13.45	172	1093395	92.26	ng		-0.01
78) Terphenyl-d14	20.15	244	2175996	90.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	49194	36.16	ng	#	55
3) Pyridine	4.01	79	157089	39.84	ng		93
4) n-Nitrosodimethylamine	3.91	42	107278	45.83	ng		99
6) Aniline	7.54	93	25480	4.19	ng		92
8) 2-Chlorophenol	7.76	128	158178	43.98	ng		97
9) Benzaldehyde	7.36	77	13408	4.08	ng	#	76
10) Phenol	7.38	94	201749	40.53	ng		96
11) bis(2-Chloroethyl)ether	7.61	93	159084	41.48	ng		90
12) 1,3-Dichlorobenzene	8.08	146	179943	41.34	ng		92
13) 1,4-Dichlorobenzene	8.23	146	185818	41.20	ng		97
14) 1,2-Dichlorobenzene	8.55	146	178973	41.58	ng		95
15) Benzyl Alcohol	8.45	79	138300	32.26	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.72	45	293504	41.32	ng		97
17) 2-Methylphenol	8.65	107	141813	43.38	ng		91
18) Hexachloroethane	9.28	117	74257	42.87	ng		87
19) n-Nitroso-di-n-propylamine	9.01	70	167563	44.18	ng		95
20) 3+4-Methylphenols	8.98	107	202602	44.78	ng		98
22) Acetophenone	9.04	105	274800	41.57	ng	#	94
24) Nitrobenzene	9.43	77	240582	40.72	ng		96
25) Isophorone	9.94	82	442462	45.37	ng		99
26) 2-Nitrophenol	10.14	139	90871	40.22	ng		95
27) 2,4-Dimethylphenol	10.19	122	169992	45.76	ng		95
28) bis(2-Chloroethoxy)methane	10.42	93	213512	42.16	ng	#	96
29) 2,4-Dichlorophenol	10.69	162	192613	48.45	ng		96
30) 1,2,4-Trichlorobenzene	10.88	180	199336	41.51	ng		94
31) Naphthalene	11.08	128	497580	41.88	ng		98
32) Benzoic acid	10.34	122	92432	30.94	ng		88
34) Hexachlorobutadiene	11.34	225	159220	40.62	ng		95
35) Caprolactam	11.98	113	62356m	41.75	ng		
36) 4-Chloro-3-methylphenol	12.31	107	223677	45.59	ng		99
37) 2-Methylnaphthalene	12.67	142	389571	44.24	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	276299	43.62	ng		96
40) Hexachlorocyclopentadiene	12.99	237	250652	105.31	ng		91
42) 2,4,6-Trichlorophenol	13.27	196	166651	41.78	ng		92

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025441.D
Acq On : 9 Jan 2017 22:08
Operator : UM/SJ
Sample : I1073-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Manual Integrations APPROVED
Sohil
1/10/2017 9:59:48 AM

Quant Time: Jan 10 00:25:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.37	196	186947	44.78	ng		90
45) 1,1'-Biphenyl	13.66	154	552689	42.83	ng		93
46) 2-Chloronaphthalene	13.71	162	440894	43.73	ng		98
47) 2-Nitroaniline	13.93	65	165024	38.78	ng		97
48) Acenaphthylene	14.55	152	667782	42.73	ng		99
49) Dimethylphthalate	14.27	163	642677	45.95	ng		96
50) 2,6-Dinitrotoluene	14.41	165	133420	43.66	ng		98
51) Acenaphthene	14.89	154	433306	42.39	ng		99
52) 3-Nitroaniline	14.76	138	7181	2.44	ng	#	96
53) 2,4-Dinitrophenol	14.97	184	176284	87.47	ng	#	89
54) Dibenzofuran	15.22	168	741870	45.91	ng		97
55) 4-Nitrophenol	15.07	139	181604	82.77	ng	#	84
56) 2,4-Dinitrotoluene	15.20	165	198533	44.62	ng	#	88
57) Fluorene	15.87	166	593350	43.86	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.46	232	195996	43.82	ng		95
59) Diethylphthalate	15.62	149	646645	44.08	ng		96
60) 4-Chlorophenyl-phenylether	15.85	204	337004	43.96	ng		95
61) 4-Nitroaniline	15.92	138	53992	18.26	ng		88
62) Azobenzene	16.14	77	672369	47.53	ng		99
64) 4,6-Dinitro-2-methylphenol	15.97	198	132704	41.86	ng		80
65) n-Nitrosodiphenylamine	16.07	169	198024	16.01	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	251652	44.56	ng		98
67) Hexachlorobenzene	16.87	284	272373	42.03	ng		90
68) Atrazine	17.01	200	48521	8.95	ng		97
69) Pentachlorophenol	17.23	266	297410	88.53	ng		98
70) Phenanthrene	17.61	178	1042689	44.21	ng		97
71) Anthracene	17.71	178	1066096	44.48	ng		99
72) Carbazole	17.98	167	364626	17.01	ng	#	96
73) Di-n-butylphthalate	18.50	149	1154133	43.76	ng		97
74) Fluoranthene	19.61	202	1389464	44.60	ng		95
77) Pyrene	19.98	202	1420193	42.65	ng		96
79) Butylbenzylphthalate	20.82	149	590601	44.17	ng		95
80) Benzo(a)anthracene	21.84	228	1540274	43.34	ng		97
82) Chrysene	21.91	228	1425078	41.81	ng		97
83) Bis(2-ethylhexyl)phthalate	21.69	149	821987	44.17	ng		98
84) Di-n-octyl phthalate	22.94	149	1414747	45.79	ng		97
85) Indeno(1,2,3-cd)pyrene	29.19	276	1682102	38.82	ng		100
87) Benzo(b)fluoranthene	24.17	252	1608648	68.92	ng	#	99
88) Benzo(k)fluoranthene	24.24	252	1525369	67.67	ng	#	97
89) Benzo(a)pyrene	25.10	252	1299772	57.66	ng		96
90) Dibenzo(a,h)anthracene	29.23	278	1587962	66.46	ng		98
91) Benzo(g,h,i)perylene	30.42	276	1251451	52.71	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025441.D
Acq On : 9 Jan 2017 22:08
Operator : UM/SJ
Sample : I1073-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 10 00:25:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Manual Integrations APPROVED
Sohil
1/10/2017 9:59:48 AM