Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024054.D
Acq On : 21 Sep 2016 14:30
Operator : UM/SJ
Sample : H4819-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-02MSD

Quant Time: Sep 21 17:47:10 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56500	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	264411	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	216836	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	397189	20.00	ng		0.00
75) Chrysene-d12	21.80	240	437510	20.00	ng		0.00
86) Perylene-d12	25.15	264	426744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	386638	120.14	ng		0.00
7) Phenol-d6	7.22	99	610663	123.27	ng		0.00
23) Nitrobenzene-d5	9.23	82	458978	77.49	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	265787	68.03	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	918142	60.71	ng		0.00
78) Terphenyl-d14	20.10	244	1243829	64.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	36694	27.65	ng		97
3) Pyridine	3.86	79	94724	23.75	ng		98
4) n-Nitrosodimethylamine	3.77	42	67501	32.10	ng	#	93
6) Aniline	7.37	93	133921	20.37	ng		98
8) 2-Chlorophenol	7.61	128	140826	37.77	ng		94
9) Benzaldehyde	7.19	77	26107	7.42	ng		86
10) Phenol	7.24	94	212166	40.71	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	148777	36.28	ng		91
12) 1,3-Dichlorobenzene	7.93	146	159730	36.61	ng		98
13) 1,4-Dichlorobenzene	8.08	146	165608	35.82	ng		94
14) 1,2-Dichlorobenzene	8.40	146	159676	36.80	ng		95
15) Benzyl Alcohol	8.30	79	191780	43.91	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	203992	37.12	ng		93
17) 2-Methylphenol	8.51	107	141617	40.33	ng		97
18) Hexachloroethane	9.14	117	69853	39.24	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	161481	36.90	ng		93
20) 3+4-Methylphenols	8.84	107	204157	41.72	ng		96
22) Acetophenone	8.88	105	235521	34.41	ng	#	98
24) Nitrobenzene	9.27	77	245088	38.48	ng		94
25) Isophorone	9.79	82	436273	37.99	ng		98
26) 2-Nitrophenol	9.99	139	86381	35.68	ng		96
27) 2,4-Dimethylphenol	10.05	122	149246	36.27	ng		91
28) bis(2-Chloroethoxy)methane	10.28	93	229106	39.51	ng		96
29) 2,4-Dichlorophenol	10.54	162	172726	39.62	ng		97
30) 1,2,4-Trichlorobenzene	10.74	180	182967	38.27	ng		94
31) Naphthalene	10.93	128	510279	37.45	ng		99
33) 4-Chloroaniline	11.05	127	116058	20.40	ng		98
34) Hexachlorobutadiene	11.20	225	143249	39.89	ng		95
35) Caprolactam	11.84	113	43554m	28.35	ng		
36) 4-Chloro-3-methylphenol	12.19	107	212854	36.54	ng		95
37) 2-Methylnaphthalene	12.54	142	391610	37.78	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	216732	30.11	ng		99
40) Hexachlorocyclopentadiene	12.88	237	146063	37.78	ng		97
42) 2,4,6-Trichlorophenol	13.16	196	147680	30.75	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024054.D
Acq On : 21 Sep 2016 14:30
Operator : UM/SJ
Sample : H4819-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB2-02MSD

Quant Time: Sep 21 17:47:10 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.25	196	154910	31.91	ng		92
45) 1,1'-Biphenyl	13.55	154	467698	26.82	ng		98
46) 2-Chloronaphthalene	13.59	162	403674	31.53	ng		95
47) 2-Nitroaniline	13.82	65	178383	35.37	ng		98
48) Acenaphthylene	14.45	152	624499	29.26	ng		100
49) Dimethylphthalate	14.17	163	738870	39.74	ng		99
50) 2,6-Dinitrotoluene	14.31	165	112086	28.56	ng		97
51) Acenaphthene	14.79	154	408263	30.94	ng		98
52) 3-Nitroaniline	14.65	138	92675	25.24	ng		97
53) 2,4-Dinitrophenol	14.88	184	4025	7.80	ng	#	81
54) Dibenzofuran	15.12	168	661882	32.14	ng		99
55) 4-Nitrophenol	14.99	139	130370	44.63	ng	#	79
56) 2,4-Dinitrotoluene	15.10	165	173259	30.03	ng		94
57) Fluorene	15.77	166	527019	29.51	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	123660m	25.09	ng		
59) Diethylphthalate	15.53	149	552151	27.82	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	266919	27.77	ng		96
61) 4-Nitroaniline	15.82	138	80472m	21.68	ng		
62) Azobenzene	16.06	77	620917	32.30	ng		96
64) 4,6-Dinitro-2-methylphenol	15.88	198	35298	12.80	ng		91
65) n-Nitrosodiphenylamine	15.98	169	443167	39.28	ng		97
66) 4-Bromophenyl-phenylether	16.66	248	187175	38.73	ng		95
67) Hexachlorobenzene	16.79	284	194900	34.39	ng		96
68) Atrazine	16.94	200	179344	36.95	ng		94
69) Pentachlorophenol	17.14	266	88474	29.39	ng		97
70) Phenanthrene	17.53	178	1135589	54.96	ng		98
71) Anthracene	17.62	178	842458	39.97	ng		97
72) Carbazole	17.90	167	676499	35.37	ng		97
73) Di-n-butylphthalate	18.44	149	819631	35.92	ng		97
74) Fluoranthene	19.55	202	1407767	56.59	ng		97
77) Pyrene	19.92	202	1364657	50.72	ng		95
79) Butylbenzylphthalate	20.79	149	365979	35.28	ng		99
80) Benzo(a)anthracene	21.78	228	1214447	49.59	ng		97
81) 3,3'-Dichlorobenzidine	21.69	252	120431	12.30	ng	#	98
82) Chrysene	21.85	228	1137160	48.78	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	517603	36.45	ng	#	91
84) Di-n-octyl phthalate	22.89	149	870588	37.38	ng		98
85) Indeno(1,2,3-cd)pyrene	29.00	276	1227975	47.58	ng	#	100
87) Benzo(b)fluoranthene	24.09	252	1277964	52.72	ng		98
88) Benzo(k)fluoranthene	24.15	252	1038402	43.20	ng	#	99
89) Benzo(a)pyrene	24.99	252	1148420	49.89	ng	#	99
90) Dibenzo(a,h)anthracene	29.05	278	902056	39.84	ng	#	98
91) Benzo(g,h,i)perylene	30.20	276	1021436	46.92	ng	#	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024054.D
Acq On : 21 Sep 2016 14:30
Operator : UM/SJ
Sample : H4819-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-02MSD

Quant Time: Sep 21 17:47:10 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 19:01:00 2016
Response via : Initial Calibration