Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023205.D
Acq On : 21 Jul 2016 2:35
Operator : UM/SJ
Sample : MDL-06-W
Misc : MDL 8PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Manual Integrations APPROVED
sohil
7/21/2016 1:51:18 PM

Quant Time: Jul 21 10:44:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 04:24:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	153823	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	725629	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	553153	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1394749	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1485650	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1493979	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	9760	2.87	ng/uL	0.00
5) Phenol-d5	7.29	99	432777m	27.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	301315	28.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	283909	26.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	336186	27.24	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	166300	28.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	192356	28.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	333618	26.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	483565	36.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1331581	28.96	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	1462518	27.98	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	239728	29.54	ng/ul	0.00
57) Fluorene-d10	15.81	176	1200810	28.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.93	200	266126	27.73	ng/ul	0.00
70) Anthracene-d10	17.67	188	1864264	28.55	ng/ul	0.00
76) Pyrene-d10	19.96	212	2160961	28.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	2015555	28.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	3482m	0.96	ng/uL	
4) Benzaldehyde	7.27	77	53111	5.39	ng/ul	88
6) Phenol	7.32	94	66981	4.06	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.55	93	55143	4.44	ng/ul#	84
10) 2-Chlorophenol	7.69	128	42616m	3.89	ng/ul	
11) 2-Methylphenol	8.58	108	49382	4.05	ng/ul	84
12) 2,2'-oxybis(1-Chloropropan	8.68	45	75406	4.49	ng/ul	95
14) Acetophenone	8.96	105	98931	4.61	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.95	70	61694	4.35	ng/ul#	83
16) 4-Methylphenol	8.92	108	56949	4.20	ng/ul	96
17) Hexachloroethane	9.23	117	21795	4.21	ng/ul#	84
20) Nitrobenzene	9.36	77	83293	4.44	ng/ul#	81
21) Isophorone	9.88	82	163812	4.58	ng/ul#	92
23) 2-Nitrophenol	10.08	139	31309	4.33	ng/ul#	50
24) 2,4-Dimethylphenol	10.13	107	70529	4.25	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.37	93	87514	4.43	ng/ul#	93
27) 2,4-Dichlorophenol	10.62	162	55488	4.40	ng/ul#	87
28) Naphthalene	11.03	128	162743	4.46	ng/ul	96
30) 4-Chloroaniline	11.14	127	68968	5.06	ng/ul	99
31) Hexachlorobutadiene	11.30	225	43861	4.33	ng/ul	91
32) Caprolactam	11.93	113	26893m	5.14	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	68911	4.16	ng/ul	86
34) 2-Methylnaphthalene	12.64	142	135397	4.49	ng/ul	90

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023205.D
Acq On : 21 Jul 2016 2:35
Operator : UM/SJ
Sample : MDL-06-W
Misc : MDL 8PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Manual Integrations APPROVED
sohil
7/21/2016 1:51:18 PM

Quant Time: Jul 21 10:44:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 04:24:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	79541	4.31 ng/ul#	94
37) Hexachlorocyclopentadiene	12.97	237	45666	3.80 ng/ul	96
38) 2,4,6-Trichlorophenol	13.24	196	50782	3.97 ng/ul	92
39) 2,4,5-Trichlorophenol	13.32	196	54614	4.19 ng/ul	90
40) 1,1'-Biphenyl	13.63	154	188724	4.55 ng/ul	93
41) 2-Chloronaphthalene	13.68	162	150697	4.51 ng/ul	96
42) 2-Nitroaniline	13.89	65	63283	4.25 ng/ul#	65
44) Dimethylphthalate	14.25	163	222621	4.78 ng/ul#	94
45) 2,6-Dinitrotoluene	14.37	165	46271	4.58 ng/ul	91
47) Acenaphthylene	14.53	152	243662	4.60 ng/ul	97
48) 3-Nitroaniline	14.72	138	41310	4.78 ng/ul#	40
49) Acenaphthene	14.87	153	160570	4.49 ng/ul	97
50) 2,4-Dinitrophenol	14.92	184	19229	3.03 ng/ul#	77
52) 4-Nitrophenol	15.03	109	43962	4.55 ng/ul#	68
53) Dibenzofuran	15.21	168	251892	4.77 ng/ul	90
54) 2,4-Dinitrotoluene	15.17	165	67052	4.35 ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.44	232	55934	4.25 ng/ul	93
56) Diethylphthalate	15.61	149	237252	4.79 ng/ul	99
58) Fluorene	15.86	166	200985	4.62 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.85	204	107270	4.50 ng/ul	97
60) 4-Nitroaniline	15.88	138	51426	4.84 ng/ul#	53
63) 4,6-Dinitro-2-methylphenol	15.94	198	45267	4.46 ng/ul#	73
64) N-Nitrosodiphenylamine	16.06	169	186099	4.62 ng/ul	91
65) 4-Bromophenyl-phenylether	16.75	248	72610	4.52 ng/ul	95
66) Hexachlorobenzene	16.87	284	73319	4.46 ng/ul	95
67) Atrazine	17.01	200	83412	4.85 ng/ul	95
68) Pentachlorophenol	17.22	266	37352	3.66 ng/ul	96
69) Phenanthrene	17.61	178	359203	5.00 ng/ul	98
71) Anthracene	17.71	178	378759	5.03 ng/ul	97
72) Carbazole	17.98	167	321005	5.42 ng/ul	99
73) Di-n-butylphthalate	18.52	149	405256	4.93 ng/ul#	97
74) Fluoranthene	19.63	202	447498	5.93 ng/ul#	89
77) Pyrene	19.99	202	476316	5.27 ng/ul#	88
78) Butylbenzylphthalate	20.87	149	185582	4.73 ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.78	252	145008	4.89 ng/ul#	91
80) Benzo(a)anthracene	21.87	228	433150	4.91 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	251152	4.69 ng/ul	97
82) Chrysene	21.94	228	401408	5.02 ng/ul	98
84) Di-n-octyl phthalate	23.03	149	441496	5.33 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	426752	4.70 ng/ul#	90
86) Benzo(k)fluoranthene	24.28	252	398947	4.63 ng/ul#	89
88) Benzo(a)pyrene	25.13	252	410278	4.74 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.17	276	441888	4.53 ng/ul#	85
90) Dibenzo(a,h)anthracene	29.25	278	362724	4.52 ng/ul#	89
91) Benzo(g,h,i)perylene	30.40	276	364410	4.52 ng/ul#	86

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023205.D
Acq On : 21 Jul 2016 2:35
Operator : UM/SJ
Sample : MDL-06-W
Misc : MDL 8PPM
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 21 10:44:42 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 04:24:30 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Manual Integrations APPROVED
sohil
7/21/2016 1:51:18 PM