Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023204.D
Acq On : 21 Jul 2016 1:55
Operator : UM/SJ
Sample : MDL-05-W
Misc : MDL 8PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Manual Integrations
APPROVED
sohil
7/21/2016 1:51:15 PM

Quant Time: Jul 21 10:43:44 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	116114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	579499	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	426738	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	1100130m	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1185225	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1146158	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	6936	2.70	ng/uL	0.00
5) Phenol-d5	7.29	99	357238m	29.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	261696m	32.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	242286	30.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	285100	30.61	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	138143	29.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	166210	30.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	284998	28.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	394467	37.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.21	166	1136747	32.04	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	1246553	30.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	199106	31.80	ng/ul	0.00
57) Fluorene-d10	15.80	176	992716	30.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	225860m	29.84	ng/ul	0.00
70) Anthracene-d10	17.67	188	1586080	30.80	ng/ul	0.00
76) Pyrene-d10	19.96	212	1860409	30.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1698838	31.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	3260m	1.19	ng/uL	
4) Benzaldehyde	7.27	77	53289	7.17	ng/ul#	82
6) Phenol	7.31	94	67855	5.45	ng/ul#	62
8) Bis(2-Chloroethyl)ether	7.55	93	55573	5.93	ng/ul#	84
10) 2-Chlorophenol	7.70	128	43754	5.30	ng/ul#	88
11) 2-Methylphenol	8.58	108	49223	5.35	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.67	45	80021	6.32	ng/ul	98
14) Acetophenone	8.97	105	96593	5.96	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.95	70	63346	5.92	ng/ul#	91
16) 4-Methylphenol	8.91	108	56748	5.54	ng/ul	87
17) Hexachloroethane	9.24	117	22228	5.68	ng/ul#	59
20) Nitrobenzene	9.36	77	85271	5.70	ng/ul#	83
21) Isophorone	9.88	82	164861	5.78	ng/ul#	88
23) 2-Nitrophenol	10.08	139	31315	5.42	ng/ul#	66
24) 2,4-Dimethylphenol	10.13	107	72243	5.45	ng/ul#	77
25) Bis(2-Chloroethoxy)methane	10.36	93	87844	5.57	ng/ul#	96
27) 2,4-Dichlorophenol	10.62	162	53248	5.29	ng/ul#	84
28) Naphthalene	11.03	128	164363	5.64	ng/ul	99
30) 4-Chloroaniline	11.13	127	66826	6.14	ng/ul	95
31) Hexachlorobutadiene	11.30	225	44877	5.54	ng/ul	92
32) Caprolactam	11.92	113	24669m	5.91	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	69293	5.24	ng/ul#	79
34) 2-Methylnaphthalene	12.64	142	135383	5.62	ng/ul	92

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023204.D
Acq On : 21 Jul 2016 1:55
Operator : UM/SJ
Sample : MDL-05-W
Misc : MDL 8PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Manual Integrations
APPROVED
sohil
7/21/2016 1:51:15 PM

Quant Time: Jul 21 10:43:44 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	81157	5.70	ng/ul	96
37) Hexachlorocyclopentadiene	12.97	237	44039	4.75	ng/ul	98
38) 2,4,6-Trichlorophenol	13.24	196	51643	5.24	ng/ul	94
39) 2,4,5-Trichlorophenol	13.31	196	53906	5.36	ng/ul	97
40) 1,1'-Biphenyl	13.64	154	192553	6.02	ng/ul#	95
41) 2-Chloronaphthalene	13.68	162	149600	5.80	ng/ul	96
42) 2-Nitroaniline	13.89	65	64779	5.64	ng/ul#	58
44) Dimethylphthalate	14.25	163	223950	6.23	ng/ul#	95
45) 2,6-Dinitrotoluene	14.38	165	42732	5.48	ng/ul#	70
47) Acenaphthylene	14.53	152	242808	5.95	ng/ul	97
48) 3-Nitroaniline	14.71	138	42525	6.38	ng/ul#	68
49) Acenaphthene	14.87	153	161337	5.84	ng/ul	93
50) 2,4-Dinitrophenol	14.92	184	19792m	4.05	ng/ul	
52) 4-Nitrophenol	15.02	109	45905m	6.16	ng/ul	
53) Dibenzofuran	15.21	168	248311	6.10	ng/ul	91
54) 2,4-Dinitrotoluene	15.17	165	69845	5.88	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.44	232	56507	5.56	ng/ul#	93
56) Diethylphthalate	15.62	149	236288	6.18	ng/ul#	92
58) Fluorene	15.86	166	203085	6.05	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.85	204	106762	5.80	ng/ul	95
60) 4-Nitroaniline	15.88	138	49438	6.04	ng/ul#	42
63) 4,6-Dinitro-2-methylphenol	15.93	198	46189m	5.77	ng/ul	
64) N-Nitrosodiphenylamine	16.06	169	186872	5.88	ng/ul	94
65) 4-Bromophenyl-phenylether	16.75	248	69069	5.46	ng/ul	94
66) Hexachlorobenzene	16.87	284	78764	6.08	ng/ul#	93
67) Atrazine	17.01	200	77094	5.69	ng/ul	97
68) Pentachlorophenol	17.22	266	38711	4.81	ng/ul	90
69) Phenanthrene	17.61	178	351519m	6.20	ng/ul	
71) Anthracene	17.71	178	377949	6.36	ng/ul	98
72) Carbazole	17.98	167	316571	6.78	ng/ul	95
73) Di-n-butylphthalate	18.52	149	402159	6.21	ng/ul#	96
74) Fluoranthene	19.62	202	440684m	7.40	ng/ul	
77) Pyrene	19.99	202	461699	6.41	ng/ul#	90
78) Butylbenzylphthalate	20.86	149	174761	5.58	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.78	252	141149	5.97	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	444313	6.31	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	260688	6.10	ng/ul	98
82) Chrysene	21.94	228	389311	6.10	ng/ul	95
84) Di-n-octyl phthalate	23.03	149	433966	6.83	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	416597	5.97	ng/ul#	95
86) Benzo(k)fluoranthene	24.28	252	404222	6.12	ng/ul#	92
88) Benzo(a)pyrene	25.13	252	407775m	6.14	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.18	276	433552	5.79	ng/ul#	82
90) Dibenzo(a,h)anthracene	29.24	278	358861m	5.82	ng/ul	
91) Benzo(g,h,i)perylene	30.39	276	359924m	5.82	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072016\
Data File : BG023204.D
Acq On : 21 Jul 2016 1:55
Operator : UM/SJ
Sample : MDL-05-W
Misc : MDL 8PPM
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jul 21 10:43:44 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-05-W

Manual Integrations APPROVED
sohil
7/21/2016 1:51:15 PM