Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082316\
Data File : BM007254.D
Acq On : 23 Aug 2016 16:13
Operator : UM/SJ
Sample : MDL-01-S
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-01-S

Quant Time: Aug 23 16:45:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	137653	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	695542	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	514389	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1441563	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2156367	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2411498	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	6874	2.55	ng/uL	0.00
5) Phenol-d5	6.97	99	291772	22.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	175220	25.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	230918	24.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	262794	23.17	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	126639	24.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	147037	24.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	268309	22.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	385187	26.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1177945	26.54	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1303075	25.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	208360	24.87	ng/ul	0.00
57) Fluorene-d10	15.43	176	993540	25.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	203555	22.46	ng/ul	0.00
70) Anthracene-d10	17.27	188	1729955	25.69	ng/ul	0.00
76) Pyrene-d10	19.57	212	2205531	24.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2814566	25.34	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.95	77	18982	2.56	ng/ul	94
6) Phenol	7.00	94	25967	1.93	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.23	93	21351	2.27	ng/ul	95
10) 2-Chlorophenol	7.37	128	19823	2.01	ng/ul	94
11) 2-Methylphenol	8.25	108	18553	1.76	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.34	45	22564	2.13	ng/ul	94
14) Acetophenone	8.62	105	37758	2.17	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	19936	2.16	ng/ul	96
16) 4-Methylphenol	8.56	108	21816	1.84	ng/ul	88
17) Hexachloroethane	8.87	117	8180	2.14	ng/ul	96
20) Nitrobenzene	9.00	77	28179	2.15	ng/ul	94
21) Isophorone	9.52	82	56346	2.11	ng/ul	99
23) 2-Nitrophenol	9.70	139	12330	1.90	ng/ul	91
24) 2,4-Dimethylphenol	9.76	107	28508	1.99	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.00	93	31408	2.09	ng/ul	95
27) 2,4-Dichlorophenol	10.23	162	22873	1.94	ng/ul#	84
28) Naphthalene	10.64	128	73294	2.12	ng/ul	97
30) 4-Chloroaniline	10.75	127	32452	2.13	ng/ul	97
31) Hexachlorobutadiene	10.92	225	17541	2.20	ng/ul	97
33) 4-Chloro-3-methylphenol	11.87	107	27195	1.86	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	59410	2.10	ng/ul	94
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	35441	2.07	ng/ul	95
37) Hexachlorocyclopentadiene	12.60	237	16004	1.55	ng/ul#	92

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082316\
Data File : BM007254.D
Acq On : 23 Aug 2016 16:13
Operator : UM/SJ
Sample : MDL-01-S
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-01-S

Quant Time: Aug 23 16:45:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) 2,4,6-Trichlorophenol	12.86	196	22520	1.86	ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	23059	1.83	ng/ul	94
40) 1,1'-Biphenyl	13.26	154	85470	2.14	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	65974	2.11	ng/ul	97
42) 2-Nitroaniline	13.51	65	17907	1.75	ng/ul	91
44) Dimethylphthalate	13.89	163	99913	2.26	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	15900	1.76	ng/ul#	92
47) Acenaphthylene	14.16	152	111687	2.11	ng/ul	99
48) 3-Nitroaniline	14.34	138	17195	1.86	ng/ul	95
49) Acenaphthene	14.50	153	72714	2.11	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	7118	1.16	ng/ul#	91
52) 4-Nitrophenol	14.64	109	19229	2.16	ng/ul	96
53) Dibenzofuran	14.83	168	111093	2.16	ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	27465	1.98	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	25951	2.00	ng/ul	94
56) Diethylphthalate	15.26	149	101934	2.21	ng/ul	98
58) Fluorene	15.48	166	96276	2.27	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.47	204	51108	2.30	ng/ul	98
60) 4-Nitroaniline	15.50	138	19072	1.82	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	18428	1.90	ng/ul#	40
64) N-Nitrosodiphenylamine	15.69	169	85473	2.12	ng/ul	96
65) 4-Bromophenyl-phenylether	16.37	248	33232	2.04	ng/ul	94
66) Hexachlorobenzene	16.49	284	39277	2.16	ng/ul	93
67) Atrazine	16.64	200	33469	1.97	ng/ul	97
68) Pentachlorophenol	16.83	266	18969	1.61	ng/ul	98
69) Phenanthrene	17.22	178	170522	2.20	ng/ul	97
71) Anthracene	17.31	178	174330	2.18	ng/ul	98
72) Carbazole	17.58	167	152181	2.19	ng/ul	99
73) Di-n-butylphthalate	18.14	149	175287	2.01	ng/ul	98
74) Fluoranthene	19.23	202	222823	2.29	ng/ul	98
77) Pyrene	19.60	202	249706	2.16	ng/ul	97
78) Butylbenzylphthalate	20.50	149	87728	1.82	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	90630	2.12	ng/ul	97
80) Benzo(a)anthracene	21.34	228	277857	2.19	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	136272	1.95	ng/ul	99
82) Chrysene	21.39	228	252777	2.20	ng/ul	97
84) Di-n-octyl phthalate	22.16	149	246253	2.05	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	317903	2.23	ng/ul	97
86) Benzo(k)fluoranthene	22.99	252	278758	2.12	ng/ul	100
88) Benzo(a)pyrene	23.53	252	310769	2.28	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	368099	2.20	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	308639	2.22	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	308173	2.17	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082316\
Data File : BM007254.D
Acq On : 23 Aug 2016 16:13
Operator : UM/SJ
Sample : MDL-01-S
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-01-S

Quant Time: Aug 23 16:45:11 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 13:53:51 2016
Response via : Initial Calibration