Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007259.D
Acq On : 23 Aug 2016 19:15
Operator : UM/SJ
Sample : MDL-06-S
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 24 05:47:32 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

Instrument :
BNA_M
ClientSampleId :
MDL-06-S

Manual Integrations APPROVED
sohil
8/24/2016 4:15:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	162137	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	824401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	615199	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1678665	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2449704	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2698199	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	9186	2.90	ng/uL	0.00
5) Phenol-d5	6.97	99	361452	23.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	216618	26.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	288366	25.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	321118	24.04	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	159382	26.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	181888	25.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	334591	23.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	479969	27.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1470754	27.71	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1620894	26.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	265179	26.47	ng/ul	0.00
57) Fluorene-d10	15.43	176	1228061	26.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	265803	25.18	ng/ul	0.00
70) Anthracene-d10	17.27	188	2154686	27.48	ng/ul	0.00
76) Pyrene-d10	19.57	212	2755928	26.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3445190	27.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2886m	0.82	ng/uL	
4) Benzaldehyde	6.95	77	24853	2.85	ng/ul	89
6) Phenol	6.99	94	34134	2.15	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.23	93	28220	2.55	ng/ul	95
10) 2-Chlorophenol	7.37	128	26710	2.30	ng/ul	95
11) 2-Methylphenol	8.24	108	25707	2.07	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.33	45	31494	2.53	ng/ul	97
14) Acetophenone	8.62	105	50512	2.47	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	26634	2.45	ng/ul	98
16) 4-Methylphenol	8.56	108	31264	2.24	ng/ul	97
17) Hexachloroethane	8.87	117	10720	2.38	ng/ul	92
20) Nitrobenzene	9.00	77	37890	2.44	ng/ul	98
21) Isophorone	9.52	82	75411	2.38	ng/ul	99
23) 2-Nitrophenol	9.70	139	19525	2.54	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	36800	2.17	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.00	93	41192	2.31	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	31699	2.27	ng/ul#	86
28) Naphthalene	10.64	128	96591	2.36	ng/ul	98
30) 4-Chloroaniline	10.75	127	45806	2.54	ng/ul	94
31) Hexachlorobutadiene	10.92	225	23630	2.50	ng/ul	96
32) Caprolactam	11.53	113	12886	2.29	ng/ul	98
33) 4-Chloro-3-methylphenol	11.87	107	37557	2.17	ng/ul	96
34) 2-Methylnaphthalene	12.25	142	79035	2.36	ng/ul	95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007259.D
Acq On : 23 Aug 2016 19:15
Operator : UM/SJ
Sample : MDL-06-S
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-06-S

Manual Integrations APPROVED
sohil
8/24/2016 4:15:17 PM

Quant Time: Aug 24 05:47:32 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)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	47891	2.34	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	23369	1.89	ng/ul#	90
38) 2,4,6-Trichlorophenol	12.86	196	30219	2.09	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	32421m	2.15	ng/ul	
40) 1,1'-Biphenyl	13.26	154	111446	2.34	ng/ul	95
41) 2-Chloronaphthalene	13.30	162	86103	2.30	ng/ul	97
42) 2-Nitroaniline	13.51	65	26091	2.14	ng/ul	91
44) Dimethylphthalate	13.89	163	133630	2.53	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	22543	2.09	ng/ul	93
47) Acenaphthylene	14.15	152	150280	2.37	ng/ul	96
48) 3-Nitroaniline	14.34	138	24262	2.20	ng/ul	98
49) Acenaphthene	14.50	153	98398	2.39	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	10761	1.47	ng/ul	93
52) 4-Nitrophenol	14.64	109	27502	2.58	ng/ul	94
53) Dibenzofuran	14.83	168	149844	2.43	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	37803	2.28	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.06	232	35248	2.27	ng/ul#	96
56) Diethylphthalate	15.26	149	136270	2.47	ng/ul	98
58) Fluorene	15.48	166	128740	2.54	ng/ul	93
59) 4-Chlorophenyl-phenylether	15.47	204	66806	2.52	ng/ul	95
60) 4-Nitroaniline	15.50	138	30597	2.44	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.56	198	26940	2.39	ng/ul#	69
64) N-Nitrosodiphenylamine	15.69	169	116005	2.48	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	45429	2.40	ng/ul	97
66) Hexachlorobenzene	16.48	284	53607	2.53	ng/ul	97
67) Atrazine	16.64	200	47410	2.40	ng/ul	98
68) Pentachlorophenol	16.83	266	26166	1.91	ng/ul	99
69) Phenanthrene	17.22	178	229287	2.54	ng/ul	99
71) Anthracene	17.31	178	236018	2.54	ng/ul	98
72) Carbazole	17.58	167	206600	2.56	ng/ul	99
73) Di-n-butylphthalate	18.14	149	248711	2.44	ng/ul	99
74) Fluoranthene	19.23	202	311974	2.76	ng/ul	98
77) Pyrene	19.60	202	336784	2.56	ng/ul	98
78) Butylbenzylphthalate	20.49	149	119462	2.18	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	126523	2.60	ng/ul	99
80) Benzo(a)anthracene	21.34	228	378408	2.62	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	185435	2.34	ng/ul	97
82) Chrysene	21.39	228	343850	2.63	ng/ul	98
84) Di-n-octyl phthalate	22.16	149	334944	2.49	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	410084	2.57	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	388514	2.63	ng/ul	99
88) Benzo(a)pyrene	23.53	252	409145	2.68	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	489961	2.62	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	414523	2.66	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	408146	2.57	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007259.D
Acq On : 23 Aug 2016 19:15
Operator : UM/SJ
Sample : MDL-06-S
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 24 05:47:32 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

Instrument :
BNA_M
ClientSampleId :
MDL-06-S

Manual Integrations APPROVED
sohil
8/24/2016 4:15:17 PM