Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007268.D
Acq On : 24 Aug 2016 00:43
Operator : UM/SJ
Sample : MDL-06-S-ML
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 24 06:51:52 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-ML

Manual Integrations APPROVED
sohil
8/24/2016 4:15:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	169230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	856782	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	627045	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1731972	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2523395	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2822965	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	9532	2.88	ng/uL	0.00
5) Phenol-d5	6.97	99	393138	24.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	233378	27.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	306140	25.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	351233	25.19	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	169218	26.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	200556	27.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	360689	24.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	516465	28.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1534332	28.36	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1716283	27.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	277802	27.20	ng/ul	0.00
57) Fluorene-d10	15.43	176	1288122	27.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	275151	25.26	ng/ul	0.00
70) Anthracene-d10	17.27	188	2232841	27.60	ng/ul	0.00
76) Pyrene-d10	19.57	212	2840608	26.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3589239	27.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2200	0.60	ng/uL#	75
4) Benzaldehyde	6.95	77	26185	2.88	ng/ul	93
6) Phenol	6.99	94	34062	2.05	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.23	93	28865	2.50	ng/ul	96
10) 2-Chlorophenol	7.37	128	26548	2.19	ng/ul	93
11) 2-Methylphenol	8.24	108	26544	2.05	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	30102	2.32	ng/ul#	94
14) Acetophenone	8.62	105	49520	2.32	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	26204	2.31	ng/ul	93
16) 4-Methylphenol	8.56	108	30383	2.09	ng/ul	96
17) Hexachloroethane	8.87	117	10555	2.24	ng/ul	88
20) Nitrobenzene	9.00	77	38125	2.36	ng/ul	97
21) Isophorone	9.52	82	73507	2.23	ng/ul	99
23) 2-Nitrophenol	9.70	139	18501	2.32	ng/ul#	91
24) 2,4-Dimethylphenol	9.76	107	39513	2.24	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.00	93	40916	2.21	ng/ul	96
27) 2,4-Dichlorophenol	10.23	162	30519	2.10	ng/ul#	85
28) Naphthalene	10.63	128	96354	2.26	ng/ul	99
30) 4-Chloroaniline	10.75	127	43356	2.31	ng/ul	96
31) Hexachlorobutadiene	10.92	225	23667	2.41	ng/ul	98
32) Caprolactam	11.53	113	12617m	2.16	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	36142	2.01	ng/ul	97
34) 2-Methylnaphthalene	12.24	142	77204	2.21	ng/ul	96

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082316\
Data File : BM007268.D
Acq On : 24 Aug 2016 00:43
Operator : UM/SJ
Sample : MDL-06-S-ML
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Manual Integrations APPROVED
sohil
8/24/2016 4:15:38 PM

Quant Time: Aug 24 06:51:52 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	47496	2.27	ng/ul	96
37) Hexachlorocyclopentadiene	12.60	237	23301	1.85	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	29383	1.99	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	31145	2.02	ng/ul	96
40) 1,1'-Biphenyl	13.26	154	113271	2.33	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	84183	2.21	ng/ul	97
42) 2-Nitroaniline	13.51	65	24447	1.96	ng/ul	94
44) Dimethylphthalate	13.89	163	129365	2.40	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	22361	2.03	ng/ul#	87
47) Acenaphthylene	14.15	152	147191	2.28	ng/ul	97
48) 3-Nitroaniline	14.34	138	23139	2.06	ng/ul	94
49) Acenaphthene	14.49	153	98052	2.34	ng/ul	95
50) 2,4-Dinitrophenol	14.54	184	9594	1.28	ng/ul	97
52) 4-Nitrophenol	14.64	109	26141	2.41	ng/ul	94
53) Dibenzofuran	14.83	168	146126	2.33	ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	37344	2.21	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	15.06	232	33864	2.14	ng/ul	98
56) Diethylphthalate	15.26	149	133757	2.38	ng/ul	98
58) Fluorene	15.48	166	124766	2.41	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	65325	2.41	ng/ul	93
60) 4-Nitroaniline	15.50	138	29436m	2.31	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.56	198	25427	2.19	ng/ul#	39
64) N-Nitrosodiphenylamine	15.69	169	109668	2.27	ng/ul	97
65) 4-Bromophenyl-phenylether	16.37	248	45538	2.33	ng/ul	92
66) Hexachlorobenzene	16.48	284	50252	2.29	ng/ul	94
67) Atrazine	16.63	200	44919	2.20	ng/ul	95
68) Pentachlorophenol	16.83	266	22829	1.62	ng/ul	87
69) Phenanthrene	17.22	178	216787	2.33	ng/ul	99
71) Anthracene	17.31	178	224931	2.34	ng/ul	99
72) Carbazole	17.58	167	196084	2.35	ng/ul	99
73) Di-n-butylphthalate	18.14	149	226767	2.16	ng/ul	99
74) Fluoranthene	19.23	202	294181	2.52	ng/ul	99
77) Pyrene	19.59	202	321839	2.38	ng/ul	97
78) Butylbenzylphthalate	20.49	149	107734	1.91	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.27	252	113622	2.27	ng/ul	98
80) Benzo(a)anthracene	21.34	228	357564	2.40	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	168234	2.06	ng/ul	99
82) Chrysene	21.39	228	333513	2.48	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	299449	2.13	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	401527	2.41	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	374936	2.43	ng/ul	98
88) Benzo(a)pyrene	23.53	252	398389	2.49	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	473710	2.42	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	399713	2.45	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	396235	2.38	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 : BM007268.D
Acq On : 24 Aug 2016 00:43
Operator : UM/SJ
Sample : MDL-06-S-ML
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 24 06:51:52 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-ML

Manual Integrations APPROVED
sohil
8/24/2016 4:15:38 PM