Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
Data File : BM007291.D
Acq On : 25 Aug 2016 00:03
Operator : UM/SJ
Sample : MDL-06-S-ML
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 25 10:34:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 25 10:16:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	258928	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1280109	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	913704	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2564290	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	3907111	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	4471262	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	13833	2.73	ng/uL	0.00
5) Phenol-d5	6.97	99	576387	23.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	334106	25.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	451826	24.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	507150	23.78	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	243940	25.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	290107	26.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	514912	23.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	721105	26.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	2121967	26.92	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2369247	25.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	400101	26.89	ng/ul	0.00
57) Fluorene-d10	15.43	176	1774898	26.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	413310	25.63	ng/ul	0.00
70) Anthracene-d10	17.27	188	3078244	25.70	ng/ul	0.00
76) Pyrene-d10	19.57	212	4035742	24.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	5293519	25.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2915	0.52	ng/uL#	79
4) Benzaldehyde	6.95	77	36481	2.62	ng/ul	97
6) Phenol	6.99	94	50481	1.99	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.23	93	38555	2.18	ng/ul	93
10) 2-Chlorophenol	7.37	128	37787	2.04	ng/ul	99
11) 2-Methylphenol	8.24	108	38845	1.96	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.33	45	42174	2.12	ng/ul	96
14) Acetophenone	8.62	105	71375	2.18	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	34852	2.00	ng/ul	97
16) 4-Methylphenol	8.56	108	43748	1.97	ng/ul	96
17) Hexachloroethane	8.87	117	15056	2.09	ng/ul	98
20) Nitrobenzene	9.00	77	53849	2.23	ng/ul	96
21) Isophorone	9.52	82	101014	2.05	ng/ul	98
23) 2-Nitrophenol	9.70	139	26155	2.19	ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	54905	2.09	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.00	93	56503	2.04	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	44701	2.06	ng/ul#	81
28) Naphthalene	10.63	128	135436	2.13	ng/ul	100
30) 4-Chloroaniline	10.75	127	61831	2.20	ng/ul	94
31) Hexachlorobutadiene	10.92	225	31846	2.17	ng/ul	96
32) Caprolactam	11.55	113	16904	1.93	ng/ul	93
33) 4-Chloro-3-methylphenol	11.87	107	54039	2.01	ng/ul	88
34) 2-Methylnaphthalene	12.25	142	108192	2.08	ng/ul	96

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
Data File : BM007291.D
Acq On : 25 Aug 2016 00:03
Operator : UM/SJ
Sample : MDL-06-S-ML
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 25 10:34:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 25 10:16:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	66149	2.17 ng/ul	92
37) Hexachlorocyclopentadiene	12.60	237	30495	1.66 ng/ul	97
38) 2,4,6-Trichlorophenol	12.86	196	42316	1.97 ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	42955	1.91 ng/ul	94
40) 1,1'-Biphenyl	13.26	154	154708	2.18 ng/ul	96
41) 2-Chloronaphthalene	13.30	162	118212	2.13 ng/ul	98
42) 2-Nitroaniline	13.51	65	35068	1.93 ng/ul	95
44) Dimethylphthalate	13.89	163	181587	2.31 ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	32470	2.02 ng/ul	95
47) Acenaphthylene	14.15	152	204107	2.17 ng/ul	99
48) 3-Nitroaniline	14.34	138	34058	2.08 ng/ul	99
49) Acenaphthene	14.49	153	135434	2.21 ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	14488	1.33 ng/ul	96
52) 4-Nitrophenol	14.65	109	38772	2.45 ng/ul	93
53) Dibenzofuran	14.83	168	202569	2.21 ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	55110	2.24 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.06	232	45184	1.96 ng/ul#	96
56) Diethylphthalate	15.26	149	185879	2.27 ng/ul	99
58) Fluorene	15.48	166	169198	2.24 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.47	204	89528	2.27 ng/ul	93
60) 4-Nitroaniline	15.50	138	40194	2.16 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	37961	2.21 ng/ul#	49
64) N-Nitrosodiphenylamine	15.69	169	154985	2.16 ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	60884	2.10 ng/ul	96
66) Hexachlorobenzene	16.48	284	69723	2.15 ng/ul	97
67) Atrazine	16.64	200	63704	2.11 ng/ul	97
68) Pentachlorophenol	16.83	266	35758	1.71 ng/ul	98
69) Phenanthrene	17.22	178	298080	2.17 ng/ul	99
71) Anthracene	17.31	178	314687	2.21 ng/ul	99
72) Carbazole	17.58	167	283273	2.29 ng/ul	99
73) Di-n-butylphthalate	18.14	149	332200	2.14 ng/ul	100
74) Fluoranthene	19.23	202	416883	2.41 ng/ul	99
77) Pyrene	19.59	202	459243	2.19 ng/ul	97
78) Butylbenzylphthalate	20.49	149	155925	1.79 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	172388	2.22 ng/ul	100
80) Benzo(a)anthracene	21.34	228	529911	2.30 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	246738	1.95 ng/ul	100
82) Chrysene	21.39	228	474880	2.28 ng/ul	100
84) Di-n-octyl phthalate	22.16	149	449563	2.02 ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	581775	2.20 ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	565421	2.31 ng/ul	100
88) Benzo(a)pyrene	23.53	252	585151	2.31 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	710291	2.29 ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	603683	2.34 ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	609211	2.31 ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082416\
Data File : BM007291.D
Acq On : 25 Aug 2016 00:03
Operator : UM/SJ
Sample : MDL-06-S-ML
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 25 10:34:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 25 10:16:08 2016
Response via : Initial Calibration