Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002504.D
Acq On : 19 Aug 2015 23:07
Operator : UM/IZ
Sample : MDL-04-S
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-04-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:45 PM

Quant Time: Aug 20 04:14:34 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	100833	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	494405	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	283776	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	626805	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	689499	20.00	ng/ul	-0.01
86) Perylene-d12	24.86	264	711588	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	13100	6.00	ng/uL	0.00
5) Phenol-d5	7.93	99	291375	31.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	167222	31.05	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	260165	34.52	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	263621	33.74	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	139249	37.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	151951	46.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	247362	34.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	401020	42.02	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	854465	36.58	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	1056514	35.94	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	162001	38.42	ng/ul	0.00
58) Fluorene-d10	16.38	176	715952	35.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	120636	48.97	ng/ul	0.00
71) Anthracene-d10	18.22	188	1124182	36.96	ng/ul	0.00
79) Pyrene-d10	20.44	212	1196795	35.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1418494	37.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1202	0.49	ng/uL#	33
4) Benzaldehyde	7.93	77	16162	3.00	ng/ul	95
6) Phenol	7.96	94	24593	2.63	ng/ul#	88
8) Bis(2-Chloroethyl)ether	8.20	93	20762	2.88	ng/ul	95
10) 2-Chlorophenol	8.37	128	21061	2.74	ng/ul	92
11) 2-Methylphenol	9.25	108	19190	2.59	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.35	45	27624	2.15	ng/ul#	95
14) Acetophenone	9.66	105	34381	2.95	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.63	70	16656	2.67	ng/ul#	93
16) 4-Methylphenol	9.59	108	22179	2.74	ng/ul	97
17) Hexachloroethane	9.93	117	7773	2.56	ng/ul	94
20) Nitrobenzene	10.06	77	23632	2.75	ng/ul	89
21) Isophorone	10.58	82	46895	2.73	ng/ul	98
23) 2-Nitrophenol	10.78	139	13463	3.61	ng/ul	89
24) 2,4-Dimethylphenol	10.81	107	23699	2.59	ng/ul	96
25) Bis(2-Chloroethoxy)methane	11.05	93	28588	2.69	ng/ul	98
27) 2,4-Dichlorophenol	11.32	162	20257	2.93	ng/ul	91
28) Naphthalene	11.74	128	73830	2.84	ng/ul	99
30) 4-Chloroaniline	11.83	127	33348	3.52	ng/ul	98
31) Hexachlorobutadiene	11.99	225	11526	2.88	ng/ul	91
32) Caprolactam	12.59	113	8497m	2.98	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	23419	2.70	ng/ul	93
34) 2-Methylnaphthalene	13.29	142	55032	2.96	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002504.D
Acq On : 19 Aug 2015 23:07
Operator : UM/IZ
Sample : MDL-04-S
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:45 PM

Quant Time: Aug 20 04:14:34 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	24407	3.00 ng/ul	93
38) Hexachlorocyclopentadiene	13.60	237	4674	0.97 ng/ul	94
39) 2,4,6-Trichlorophenol	13.86	196	15429	3.04 ng/ul	98
40) 2,4,5-Trichlorophenol	13.94	196	16777	2.95 ng/ul	94
41) 1,1'-Biphenyl	14.25	154	70523	2.94 ng/ul	99
42) 2-Chloronaphthalene	14.31	162	53768	2.95 ng/ul	97
43) 2-Nitroaniline	14.50	65	14134	2.56 ng/ul#	82
45) Dimethylphthalate	14.83	163	72005	3.02 ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	13828	3.10 ng/ul	90
48) Acenaphthylene	15.15	152	91560	3.00 ng/ul	99
49) 3-Nitroaniline	15.30	138	16939	3.51 ng/ul#	87
50) Acenaphthene	15.47	153	61148	2.98 ng/ul	97
51) 2,4-Dinitrophenol	15.52	184	2761	1.79 ng/ul#	1
53) 4-Nitrophenol	15.58	109	8547	2.76 ng/ul	85
54) Dibenzofuran	15.79	168	83635	3.05 ng/ul	97
55) 2,4-Dinitrotoluene	15.74	165	20585	3.25 ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	16.01	232	11357	2.62 ng/ul#	97
57) Diethylphthalate	16.16	149	74031	2.90 ng/ul	98
59) Fluorene	16.43	166	70187	3.04 ng/ul	98
60) 4-Chlorophenyl-phenylether	16.40	204	31748	3.00 ng/ul	94
61) 4-Nitroaniline	16.44	138	18187	3.26 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.50	198	10023	3.62 ng/ul#	69
65) N-Nitrosodiphenylamine	16.62	169	60462	2.94 ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	19012	2.90 ng/ul	96
67) Hexachlorobenzene	17.43	284	22443	3.01 ng/ul	98
68) Atrazine	17.52	200	21314	2.98 ng/ul	98
69) Pentachlorophenol	17.76	266	4243	1.16 ng/ul	97
70) Phenanthrene	18.16	178	113404	3.14 ng/ul	99
72) Anthracene	18.25	178	115518	3.10 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	22867	2.68 ng/uL	100
74) Pentachlorobenzene	15.72	250	23613	2.86 ng/uL	97
75) Carbazole	18.50	167	105705	3.13 ng/ul	99
76) Di-n-butylphthalate	18.99	149	131916	2.92 ng/ul	99
77) Fluoranthene	20.11	202	127982	3.35 ng/ul	97
80) Pyrene	20.46	202	137429	3.08 ng/ul	97
81) Butylbenzylphthalate	21.27	149	64198	2.92 ng/ul	95
82) 3,3'-Dichlorobenzidine	22.09	252	50197	3.79 ng/ul	96
83) Benzo(a)anthracene	22.18	228	132052	3.14 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	93063	2.92 ng/ul	97
85) Chrysene	22.24	228	124047	3.11 ng/ul	99
87) Di-n-octyl phthalate	23.02	149	163188	3.00 ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	138570	3.13 ng/ul	99
89) Benzo(k)fluoranthene	24.08	252	127688	3.01 ng/ul	99
91) Benzo(a)pyrene	24.74	252	136826	3.23 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.64	276	156089	3.22 ng/ul	99
93) Dibenzo(a,h)anthracene	27.65	278	131786	3.21 ng/ul	100
94) Benzo(g,h,i)perylene	28.51	276	130338	3.18 ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002504.D
Acq On : 19 Aug 2015 23:07
Operator : UM/IZ
Sample : MDL-04-S
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 20 04:14:34 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:45 PM