Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004403.D
Acq On : 13 Feb 2019 21:20
Operator : JU/SJ
Sample : MDL-W-06
Misc : 1PPM/4PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-06

Quant Time: Feb 14 16:38:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	23423	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	114888	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	75935	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	190341	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	255260	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	298204	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2661	6.83	ng/uL	0.00
5) Phenol-d5	6.90	99	54072	25.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	29510	28.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	48104	28.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	47552	26.50	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	22762	29.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	24198	30.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	49692	27.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	70080	35.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	191655	29.76	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	227938	29.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	31303	25.39	ng/ul	0.00
58) Fluorene-d10	15.38	176	169011	29.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	25816	23.26	ng/ul	0.00
71) Anthracene-d10	17.23	188	275935	30.25	ng/ul	0.00
79) Pyrene-d10	19.53	212	339270	29.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	424271	27.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	665	1.387	ng/uL#	82
4) Benzaldehyde	6.90	77	3006	2.508	ng/ul	93
6) Phenol	6.93	94	7069	3.392	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.18	93	5185	3.478	ng/ul	95
10) 2-Chlorophenol	7.30	128	6126	3.635	ng/ul	95
11) 2-Methylphenol	8.18	108	5089	3.053	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	6398	3.621	ng/ul	99
14) Acetophenone	8.57	105	8968	3.354	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	3616	3.152	ng/ul#	91
16) 4-Methylphenol	8.50	108	5959	3.230	ng/ul	96
17) Hexachloroethane	8.82	117	2136	3.620	ng/ul	95
20) Nitrobenzene	8.95	77	6026	3.621	ng/ul	99
21) Isophorone	9.46	82	10642	3.122	ng/ul	98
23) 2-Nitrophenol	9.65	139	3303	3.709	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	7109	3.539	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.95	93	7444	3.366	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	6547	3.684	ng/ul	94
28) Naphthalene	10.58	128	23165	3.911	ng/ul	99
30) 4-Chloroaniline	10.70	127	7119	3.573	ng/ul	98
31) Hexachlorobutadiene	10.85	225	4457	3.879	ng/ul	97
32) Caprolactam	11.48	113	996	1.660	ng/ul	98
33) 4-Chloro-3-methylphenol	11.81	107	5850	3.052	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	17574	3.868	ng/ul	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004403.D
Acq On : 13 Feb 2019 21:20
Operator : JU/SJ
Sample : MDL-W-06
Misc : 1PPM/4PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-W-06

Quant Time: Feb 14 16:38:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	17022	3.799	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9830	3.889	ng/ul	99
38) Hexachlorocyclopentadiene	12.53	237	4886	3.109	ng/ul	97
39) 2,4,6-Trichlorophenol	12.81	196	4526	3.030	ng/ul	98
40) 2,4,5-Trichlorophenol	12.87	196	5083	3.029	ng/ul	93
41) 1,1'-Biphenyl	13.22	154	23588	3.844	ng/ul	98
42) 2-Chloronaphthalene	13.26	162	18053	3.783	ng/ul	98
43) 2-Nitroaniline	13.47	65	2447	2.512	ng/ul	94
45) Dimethylphthalate	13.85	163	23681	3.720	ng/ul	100
46) 2,6-Dinitrotoluene	13.97	165	3005	2.677	ng/ul	95
48) Acenaphthylene	14.11	152	27738	3.829	ng/ul	99
49) 3-Nitroaniline	14.30	138	2498	2.181	ng/ul#	88
50) Acenaphthene	14.45	153	20362	3.902	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	1307	1.872	ng/ul	94
53) 4-Nitrophenol	14.59	109	3172	3.460	ng/ul	92
54) Dibenzofuran	14.79	168	29354	3.889	ng/ul	99
55) 2,4-Dinitrotoluene	14.76	165	5359	3.044	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.00	232	4593	3.000	ng/ul#	96
57) Diethylphthalate	15.21	149	21997	3.501	ng/ul	97
59) Fluorene	15.43	166	24217	3.959	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	12849	3.970	ng/ul	97
61) 4-Nitroaniline	15.46	138	3152	2.114	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.51	198	3655	3.132	ng/ul#	78
65) N-Nitrosodiphenylamine	15.65	169	19758	3.625	ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	7914	3.721	ng/ul	95
67) Hexachlorobenzene	16.43	284	9392	3.770	ng/ul	100
68) Atrazine	16.59	200	5963	2.840	ng/ul	98
69) Pentachlorophenol	16.77	266	3413	2.350	ng/ul	97
70) Phenanthrene	17.17	178	41437	3.924	ng/ul	100
72) Anthracene	17.27	178	40870	3.844	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	10012	3.835	ng/uL	98
74) Pentachlorobenzene	14.70	250	10725	3.843	ng/uL	98
75) Carbazole	17.54	167	33201	3.495	ng/ul	98
76) Di-n-butylphthalate	18.10	149	28383	2.722	ng/ul	99
77) Fluoranthene	19.19	202	48220	3.709	ng/ul	99
80) Pyrene	19.56	202	54796	3.882	ng/ul	99
81) Butylbenzylphthalate	20.46	149	11374	2.345	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.25	252	10421	1.946	ng/ul	99
83) Benzo(a)anthracene	21.31	228	58394	3.712	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	17017	2.341	ng/ul	100
85) Chrysene	21.36	228	58654	3.927	ng/ul	98
87) Di-n-octyl phthalate	22.13	149	31452	2.203	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	65073	3.685	ng/ul	100
89) Benzo(k)fluoranthene	22.96	252	63506	3.699	ng/ul	98
91) Benzo(a)pyrene	23.50	252	66494	3.859	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.89	276	81680	3.733	ng/ul	97
93) Dibenzo(a,h)anthracene	25.90	278	69199	3.801	ng/ul	98
94) Benzo(g,h,i)perylene	26.59	276	69919	3.813	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004403.D
Acq On : 13 Feb 2019 21:20
Operator : JU/SJ
Sample : MDL-W-06
Misc : 1PPM/4PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-06

Quant Time: Feb 14 16:38:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
Data File : BN004403.D
Acq On : 13 Feb 2019 21:20
Operator : JU/SJ
Sample : MDL-W-06
Misc : 1PPM/4PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-06

Quant Time: Feb 14 16:38:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration