Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082818\
Data File : VW004975.D
Acq On : 28 Aug 2018 09:54
Operator : SY/AP
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02585

Quant Time: Aug 29 01:02:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 28 01:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	699072	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	710911	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	389561	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	251084	19.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.00%			
7) Chloroethane-d5	2.89	69	201902	20.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.44%			
10) 1,1-Dichloroethene-d2	4.03	63	332001	19.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.72%			
20) 2-Butanone-d5	7.09	46	125602	46.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.42%			
24) Chloroform-d	7.65	84	337927	21.77	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.08%			
26) 1,2-Dichloroethane-d4	8.31	65	188634	22.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.48%			
29) Benzene-d6	8.28	84	881785	24.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.44%			
33) 1,2-Dichloropropane-d6	9.28	67	252673	23.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.08%			
37) Toluene-d8	10.33	98	943957	24.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.48%			
38) trans-1,3-Dichloropropene-	10.58	79	108422	23.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.80%			
39) 2-Hexanone-d5	10.93	63	135473	50.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.78%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	262766	24.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.36%			
61) 1,2-Dichlorobenzene-d4	13.86	152	375499	24.00	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	295135	22.44	ug/L	99
3) Chloromethane	2.22	50	329479	22.11	ug/L	98
5) Vinyl chloride	2.36	62	330561	21.90	ug/L	99
6) Bromomethane	2.78	94	193766	24.51	ug/L	99
8) Chloroethane	2.92	64	188785	22.38	ug/L	100
9) Trichlorofluoromethane	3.26	101	321344	21.04	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	204772	22.41	ug/L	98
12) 1,1-Dichloroethene	4.04	96	178902	21.98	ug/L	97
13) Acetone	4.15	43	84990	40.80	ug/L	99
14) Carbon disulfide	4.39	76	677668	20.10	ug/L	99
15) Methyl Acetate	4.68	43	100969	21.44	ug/L	96
16) Methylene chloride	4.93	84	292493	21.58	ug/L	93
17) Methyl tert-butyl Ether	5.43	73	433881	24.68	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	195153	23.03	ug/L	99
19) 1,1-Dichloroethane	6.22	63	340383	22.00	ug/L	98
21) 2-Butanone	7.19	43	138753	43.26	ug/L	98
22) cis-1,2-Dichloroethene	7.18	96	211799	23.16	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082818\
Data File : VW004975.D
Acq On : 28 Aug 2018 09:54
Operator : SY/AP
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02585

Quant Time: Aug 29 01:02:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 28 01:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.52	128	106393	22.03 ug/L	95
25) Chloroform	7.68	83	356347	22.98 ug/L	100
27) 1,2-Dichloroethane	8.40	62	220588	21.70 ug/L	99
30) Cyclohexane	7.96	56	363264	24.00 ug/L	96
31) 1,1,1-Trichloroethane	7.88	97	326165	23.82 ug/L	98
32) Carbon tetrachloride	8.07	117	297431	24.28 ug/L	98
34) Benzene	8.33	78	975670	24.07 ug/L	100
35) Trichloroethene	9.10	95	239100	23.72 ug/L	99
36) Methylcyclohexane	9.34	83	431602	23.15 ug/L	99
40) 1,2-Dichloropropane	9.37	63	234187	23.49 ug/L	99
41) Bromodichloromethane	9.65	83	260701	23.73 ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	336915	24.34 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	337660	45.87 ug/L	97
44) Toluene	10.39	91	1191216	24.47 ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	298390	23.77 ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	180502	23.19 ug/L	98
47) Tetrachloroethene	10.87	164	238249	24.14 ug/L	97
49) 2-Hexanone	10.98	43	272609	47.93 ug/L	98
50) Dibromochloromethane	11.13	129	208774	24.16 ug/L	100
51) 1,2-Dibromoethane	11.24	107	175930	23.03 ug/L	100
52) Chlorobenzene	11.66	112	779555	24.11 ug/L	98
53) Ethylbenzene	11.74	91	1348124	24.61 ug/L	99
54) m,p-Xylene	11.85	106	534337	25.15 ug/L	99
55) o-xylene	12.17	106	503198	25.34 ug/L	98
56) Styrene	12.19	104	871922	25.56 ug/L	98
57) Isopropylbenzene	12.47	105	1350830	25.47 ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	255413	23.03 ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	193766	22.67 ug/L	99
62) Bromoform	12.35	173	137910	22.33 ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	643903	23.99 ug/L	97
64) 1,4-Dichlorobenzene	13.59	146	666782	23.73 ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	617183	24.00 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	45913	21.05 ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	509632	23.73 ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	416085	24.00 ug/L	100
69) Naphthalene	15.38	128	858546	24.36 ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	397858	24.36 ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082818\
Data File : VW004975.D
Acq On : 28 Aug 2018 09:54
Operator : SY/AP
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02585

Quant Time: Aug 29 01:02:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 28 01:39:39 2018
Response via : Initial Calibration