Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
Data File : VW009373.D
Acq On : 23 Mar 2019 04:49
Operator : SY/VA
Sample : K2031-17
Misc : 5.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5S7

Quant Time: Mar 23 06:20:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	262	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.62	117	199	25.00	ug/L	-0.01
60) 1,4-Dichlorobenzene-d4	13.85	152	34	25.00	ug/L	0.29
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.37	65	256	81.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 327.08%#			
7) Chloroethane-d5	2.89	69	501	136.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 547.04%#			
10) 1,1-Dichloroethene-d2	4.01	63	151	22.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.24%			
20) 2-Butanone-d5	7.07	46	93	71.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 143.66%#			
24) Chloroform-d	7.65	84	894	125.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 500.16%#			
26) 1,2-Dichloroethane-d4	8.30	65	89	20.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.64%			
29) Benzene-d6	8.27	84	1043	95.04	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 380.16%#			
33) 1,2-Dichloropropane-d6	9.27	67	466	141.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 565.48%#			
37) Toluene-d8	10.32	98	563	55.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 221.92%#			
38) trans-1,3-Dichloropropene-	10.60	79	60	36.24	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery = 144.96%#			
39) 2-Hexanone-d5	10.85	63	41	51.36	ug/L	-0.07
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.72%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	292	89.95	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 359.80%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	81	62.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 248.52%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.95	85	56	16.225	ug/L #	47
3) Chloromethane	2.35	50	86	23.485	ug/L	89
5) Vinyl chloride	2.48	62	67	17.776	ug/L #	42
12) 1,1-Dichloroethene	3.96	96	76	23.556	ug/L #	1
13) Acetone	4.14	43	265	249.572	ug/L	96
14) Carbon disulfide	4.30	76	43	4.952	ug/L #	75
15) Methyl Acetate	4.68	43	22	10.547	ug/L #	55
16) Methylene chloride	4.93	84	87	22.771	ug/L #	1
17) Methyl tert-butyl Ether	5.42	73	150	32.858	ug/L #	67
18) trans-1,2-Dichloroethene	5.31	96	51	15.035	ug/L #	33
19) 1,1-Dichloroethane	6.15	63	71	11.480	ug/L #	51
21) 2-Butanone	7.17	43	85	57.976	ug/L #	49
22) cis-1,2-Dichloroethene	7.13	96	52	14.151	ug/L #	1
25) Chloroform	7.85	83	57	8.800	ug/L #	17
27) 1,2-Dichloroethane	8.24	62	72	14.910	ug/L #	75
30) Cyclohexane	7.99	56	59	13.055	ug/L #	73
31) 1,1,1-Trichloroethane	7.88	97	78	19.625	ug/L #	45

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
Data File : VW009373.D
Acq On : 23 Mar 2019 04:49
Operator : SY/VA
Sample : K2031-17
Misc : 5.90G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5S7

Quant Time: Mar 23 06:20:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
32) Carbon tetrachloride	8.04	117	81	20.199	ug/L	#	64
34) Benzene	8.18	78	23	2.112	ug/L		100
35) Trichloroethene	9.31	95	46	15.849	ug/L	#	4
40) 1,2-Dichloropropane	9.40	63	26	9.302	ug/L	#	85
42) cis-1,3-Dichloropropene	10.36	75	22	4.833	ug/L	#	44
43) 4-Methyl-2-pentanone	10.19	43	43	16.978	ug/L	#	47
44) Toluene	10.18	91	56	4.702	ug/L	#	23
45) trans-1,3-Dichloropropene	10.52	75	51	12.879	ug/L	#	43
47) Tetrachloroethene	10.87	164	48	19.573	ug/L	#	1
49) 2-Hexanone	10.93	43	43	24.106	ug/L	#	7
50) Dibromochloromethane	11.18	129	71	25.793	ug/L	#	9
52) Chlorobenzene	11.57	112	45	5.891	ug/L	#	30
53) Ethylbenzene	11.56	91	46	3.436	ug/L	#	45
57) Isopropylbenzene	12.64	105	57	4.288	ug/L	#	33
58) 1,1,2,2-Tetrachloroethane	12.80	83	54	17.951	ug/L	#	25
59) 1,2,3-Trichloropropane	13.19	75	48	21.501	ug/L	#	1
67) 1,3,5-Trichlorobenzene	14.55	180	55	34.799	ug/L	#	19
69) Naphthalene	15.15	128	62	22.525	ug/L	#	1

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
Data File : VW009373.D
Acq On : 23 Mar 2019 04:49
Operator : SY/VA
Sample : K2031-17
Misc : 5.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5S7

Quant Time: Mar 23 06:20:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration