Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011321\
Data File : VW017846.D
Acq On : 13 Jan 2021 14:05
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02517

Quant Time: Jan 14 11:39:27 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 13 03:48:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	341727	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	309158	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	150108	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	120351	22.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.04%			
7) Chloroethane-d5	2.89	69	111278	25.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.00%			
10) 1,1-Dichloroethene-d2	4.02	63	228210	24.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.08%			
20) 2-Butanone-d5	7.08	46	46244	53.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.92%			
24) Chloroform-d	7.64	84	238188	26.67	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.68%			
26) 1,2-Dichloroethane-d4	8.31	65	123890	26.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.20%			
29) Benzene-d6	8.27	84	451998	25.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.80%			
33) 1,2-Dichloropropane-d6	9.27	67	129977	27.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.32%			
37) Toluene-d8	10.32	98	415892	24.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.48%			
38) trans-1,3-Dichloropropene-	10.58	79	54364	25.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.64%			
39) 2-Hexanone-d5	10.93	63	31743	52.66	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.32%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95827	26.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.56%			
61) 1,2-Dichlorobenzene-d4	13.85	152	126803	24.26	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.04%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	72182	19.131	ug/L	92
3) Chloromethane	2.21	50	79724	23.773	ug/L	99
5) Vinyl chloride	2.36	62	132650	23.381	ug/L	98
6) Bromomethane	2.78	94	104574	24.857	ug/L	99
8) Chloroethane	2.92	64	87275	24.536	ug/L	98
9) Trichlorofluoromethane	3.26	101	93125	20.006	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	106303	24.469	ug/L	96
12) 1,1-Dichloroethene	4.04	96	100655	23.900	ug/L	87
13) Acetone	4.14	43	29106	39.332	ug/L	99
14) Carbon disulfide	4.38	76	283015	22.505	ug/L	98
15) Methyl Acetate	4.67	43	35884	25.019	ug/L	96
16) Methylene chloride	4.92	84	108457	22.194	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	124860	23.393	ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	108441	23.872	ug/L	97
19) 1,1-Dichloroethane	6.21	63	202413	26.081	ug/L	99
21) 2-Butanone	7.16	43	48678	48.903	ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	115500	24.196	ug/L	91

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02517

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Quant Title : VOC Analysis
QLast Update : Wed Jan 13 03:48:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	48373	23.922 ug/L #	81
25) Chloroform	7.67	83	211178	25.860 ug/L	99
27) 1,2-Dichloroethane	8.40	62	136225	25.788 ug/L	98
30) Cyclohexane	7.95	56	181797	24.705 ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	177940	25.022 ug/L	97
32) Carbon tetrachloride	8.07	117	167131	24.910 ug/L	98
34) Benzene	8.32	78	450257	25.472 ug/L	100
35) Trichloroethene	9.09	95	121490	24.830 ug/L	94
36) Methylcyclohexane	9.34	83	210740	24.638 ug/L	97
40) 1,2-Dichloropropane	9.37	63	110442	26.466 ug/L	100
41) Bromodichloromethane	9.64	83	151768	26.569 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	172807	25.950 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	106694	52.627 ug/L	95
44) Toluene	10.38	91	497391	24.676 ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	142226	25.081 ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	73372	23.655 ug/L	98
47) Tetrachloroethene	10.86	164	88166	23.047 ug/L	89
49) 2-Hexanone	10.97	43	73579	51.153 ug/L	95
50) Dibromochloromethane	11.13	129	93342	25.348 ug/L	96
51) 1,2-Dibromoethane	11.23	107	70684	24.071 ug/L	99
52) Chlorobenzene	11.66	112	305935	24.313 ug/L	92
53) Ethylbenzene	11.73	91	575755	25.175 ug/L	96
54) m,p-Xylene	11.84	106	209938	23.466 ug/L	98
55) o-xylene	12.16	106	200115	23.784 ug/L	86
56) Styrene	12.18	104	341658	24.412 ug/L	95
57) Isopropylbenzene	12.46	105	569211	24.436 ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	85286	24.634 ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	61225	24.058 ug/L	98
62) Bromoform	12.35	173	45766	24.918 ug/L	100
63) 1,3-Dichlorobenzene	13.49	146	225046	24.290 ug/L	91
64) 1,4-Dichlorobenzene	13.58	146	222900	23.941 ug/L	99
65) 1,2-Dichlorobenzene	13.86	146	195551	24.021 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	13335	24.870 ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	148963	23.453 ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	118283	22.625 ug/L	97
69) Naphthalene	15.36	128	209452	21.038 ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	96175	21.785 ug/L	97

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

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