Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011421\
Data File : VW017891.D
Acq On : 14 Jan 2021 19:36
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD02520

Quant Time: Jan 14 21:47:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 14 21:44:45 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	320647	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296143	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150707	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	109448	22.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.24%			
7) Chloroethane-d5	2.89	69	99554	24.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.24%			
10) 1,1-Dichloroethene-d2	4.03	63	204432	23.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.60%			
20) 2-Butanone-d5	7.08	46	50625	62.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.92%			
24) Chloroform-d	7.65	84	235200	28.07	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.28%			
26) 1,2-Dichloroethane-d4	8.31	65	125662	28.98	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 115.92%			
29) Benzene-d6	8.27	84	431094	25.84	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.36%			
33) 1,2-Dichloropropane-d6	9.27	67	127308	27.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.76%			
37) Toluene-d8	10.32	98	403153	25.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.64%			
38) trans-1,3-Dichloropropene-	10.58	79	52210	25.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.88%			
39) 2-Hexanone-d5	10.93	63	35830	62.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 124.10%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103216	30.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.96%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	130588	24.88	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	63155	17.839	ug/L	95
3) Chloromethane	2.21	50	67372	21.410	ug/L	100
5) Vinyl chloride	2.37	62	117248	22.025	ug/L	100
6) Bromomethane	2.78	94	88006	22.294	ug/L	100
8) Chloroethane	2.92	64	79349	23.774	ug/L	100
9) Trichlorofluoromethane	3.26	101	87629	20.063	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	100301	24.605	ug/L	96
12) 1,1-Dichloroethene	4.04	96	92572	23.426	ug/L	99
13) Acetone	4.14	43	30816	44.380	ug/L	97
14) Carbon disulfide	4.39	76	242503	20.551	ug/L	99
15) Methyl Acetate	4.67	43	38240	28.415	ug/L	97
16) Methylene chloride	4.92	84	105420	22.991	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	127587	25.476	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	102224	23.983	ug/L	96
19) 1,1-Dichloroethane	6.22	63	192432	26.425	ug/L	98
21) 2-Butanone	7.17	43	50500	54.069	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	112294	25.071	ug/L	93

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Instrument : MSVOA_W
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Quant Title : VOC Analysis
QLast Update : Thu Jan 14 21:44:45 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.51	128	47425	24.995 ug/L #	84
25) Chloroform	7.68	83	206488	26.948 ug/L	99
27) 1,2-Dichloroethane	8.40	62	136894	27.618 ug/L	100
30) Cyclohexane	7.96	56	168807	23.948 ug/L	95
31) 1,1,1-Trichloroethane	7.87	97	164004	24.075 ug/L	97
32) Carbon tetrachloride	8.07	117	151036	23.501 ug/L	99
34) Benzene	8.32	78	430107	25.401 ug/L	100
35) Trichloroethene	9.09	95	113072	24.125 ug/L	98
36) Methylcyclohexane	9.34	83	193594	23.628 ug/L	97
40) 1,2-Dichloropropane	9.37	63	108396	27.117 ug/L	99
41) Bromodichloromethane	9.65	83	146673	26.806 ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	165072	25.878 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	114111	58.759 ug/L	98
44) Toluene	10.39	91	480330	24.877 ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	138537	25.504 ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	79263	26.677 ug/L	96
47) Tetrachloroethene	10.86	164	85831	23.423 ug/L	96
49) 2-Hexanone	10.97	43	76706	55.671 ug/L	93
50) Dibromochloromethane	11.13	129	93579	26.529 ug/L	95
51) 1,2-Dibromoethane	11.24	107	74827	26.601 ug/L	93
52) Chlorobenzene	11.66	112	301473	25.012 ug/L	95
53) Ethylbenzene	11.73	91	539093	24.607 ug/L	98
54) m,p-Xylene	11.84	106	204877	23.906 ug/L	99
55) o-xylene	12.16	106	198760	24.661 ug/L	99
56) Styrene	12.18	104	340401	25.391 ug/L	99
57) Isopropylbenzene	12.46	105	551374	24.711 ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	91413	27.565 ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	68753	28.203 ug/L	99
62) Bromoform	12.35	173	45320	24.577 ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	225250	24.215 ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	224059	23.969 ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	200760	24.563 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	14099	26.190 ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	154757	24.268 ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	125720	23.952 ug/L	98
69) Naphthalene	15.36	128	244117	24.422 ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	106975	24.135 ug/L	97

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

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