

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017329.D
 Acq On : 18 Nov 2020 15:28
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Nov 19 04:59:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 15:50:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	392807	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360854	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187254	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120552	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.92%
7) Chloroethane-d5	2.89	69	102182	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
10) 1,1-Dichloroethene-d2	4.03	63	225078	22.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.52%
20) 2-Butanone-d5	7.08	46	44933	47.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.10%
24) Chloroform-d	7.65	84	241767	23.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	8.31	65	118106	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.76%
29) Benzene-d6	8.28	84	469164	23.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.24%
33) 1,2-Dichloropropane-d6	9.27	67	128129	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.56%
37) Toluene-d8	10.33	98	446810	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.32%
38) trans-1,3-Dichloropropene-	10.58	79	56432	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.68%
39) 2-Hexanone-d5	10.93	63	35891	49.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99614	24.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	164168	23.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	84836	23.244	ug/L 93
3) Chloromethane	2.21	50	93364	23.524	ug/L 98
5) Vinyl chloride	2.37	62	141451	24.267	ug/L 99
6) Bromomethane	2.79	94	106244	24.274	ug/L 100
8) Chloroethane	2.93	64	88609	24.288	ug/L 98
9) Trichlorofluoromethane	3.27	101	126312	24.354	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	130018	24.155	ug/L 98
12) 1,1-Dichloroethene	4.04	96	126858	24.539	ug/L 90
13) Acetone	4.13	43	32547	46.709	ug/L 97
14) Carbon disulfide	4.39	76	379017	24.960	ug/L 99
15) Methyl Acetate	4.67	43	39289	25.745	ug/L 96
16) Methylene chloride	4.92	84	150520	22.402	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	159188	26.133	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	133728	24.169	ug/L 97
19) 1,1-Dichloroethane	6.23	63	210662	24.889	ug/L 100
21) 2-Butanone	7.17	43	51484	48.198	ug/L 99
22) cis-1,2-Dichloroethene	7.18	96	140991	25.089	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017329.D
 Acq On : 18 Nov 2020 15:28
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Nov 19 04:59:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 15:50:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	66841	25.350	ug/L	99
25) Chloroform	7.68	83	235043	24.831	ug/L	100
27) 1,2-Dichloroethane	8.40	62	140831	25.673	ug/L	96
30) Cyclohexane	7.96	56	174870	24.182	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	207031	24.515	ug/L	100
32) Carbon tetrachloride	8.07	117	196635	24.396	ug/L	99
34) Benzene	8.33	78	507940	24.917	ug/L	100
35) Trichloroethene	9.09	95	139775	24.239	ug/L	98
36) Methylcyclohexane	9.34	83	217313	23.587	ug/L	99
40) 1,2-Dichloropropane	9.37	63	114644	24.863	ug/L	99
41) Bromodichloromethane	9.65	83	165643	25.578	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	184462	25.775	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	109560	47.871	ug/L	99
44) Toluene	10.39	91	559056	24.723	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	160529	26.475	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	93522	25.745	ug/L	95
47) Tetrachloroethene	10.87	164	121736	23.284	ug/L	97
49) 2-Hexanone	10.97	43	72914	52.933	ug/L	96
50) Dibromochloromethane	11.13	129	117409	25.278	ug/L	98
51) 1,2-Dibromoethane	11.24	107	92034	25.828	ug/L	96
52) Chlorobenzene	11.66	112	375425	24.933	ug/L	98
53) Ethylbenzene	11.73	91	626286	24.698	ug/L	97
54) m,p-Xylene	11.84	106	242190	24.786	ug/L	82
55) o-xylene	12.17	106	231878	25.007	ug/L	92
56) Styrene	12.18	104	391240	25.452	ug/L	99
57) Isopropylbenzene	12.47	105	620254	24.426	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	100711	25.596	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	71511	25.167	ug/L	99
62) Bromoform	12.35	173	68255	25.906	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	288962	23.680	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	289936	24.080	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	263992	24.890	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	14914	25.229	ug/L	88
67) 1,3,5-Trichlorobenzene	14.63	180	200382	22.570	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	156633	22.988	ug/L	96
69) Naphthalene	15.37	128	258911	26.468	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	144384	24.087	ug/L	96

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

