

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017507.D
 Acq On : 25 Nov 2020 17:01
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Nov 26 07:25:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 07:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383783	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	348887	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	190655	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128325	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.68%
7) Chloroethane-d5	2.89	69	98570	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.56%
10) 1,1-Dichloroethene-d2	4.03	63	272807	24.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.08%
20) 2-Butanone-d5	7.08	46	69310	65.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.20%
24) Chloroform-d	7.65	84	273327	25.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.28%
26) 1,2-Dichloroethane-d4	8.31	65	142882	26.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.84%
29) Benzene-d6	8.27	84	535373	24.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.80%
33) 1,2-Dichloropropane-d6	9.27	67	151958	25.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.40%
37) Toluene-d8	10.32	98	489466	25.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.20%
38) trans-1,3-Dichloropropene-	10.58	79	70748	26.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.68%
39) 2-Hexanone-d5	10.93	63	49774	67.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.48%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129379	30.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.16%#
61) 1,2-Dichlorobenzene-d4	13.85	152	177679	25.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.68%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	78257	21.459	ug/L	97
3) Chloromethane	2.21	50	84818	22.591	ug/L	99
5) Vinyl chloride	2.37	62	118431	25.435	ug/L	97
6) Bromomethane	2.78	94	79025	23.569	ug/L	98
8) Chloroethane	2.93	64	72316	23.116	ug/L	99
9) Trichlorofluoromethane	3.27	101	113563	21.299	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	133242	24.415	ug/L #	53
12) 1,1-Dichloroethene	4.05	96	125477	23.579	ug/L	92
13) Acetone	4.13	43	52005	50.763	ug/L	99
14) Carbon disulfide	4.39	76	356573	23.427	ug/L	99
15) Methyl Acetate	4.67	43	52450	29.412	ug/L	96
16) Methylene chloride	4.93	84	143306	24.870	ug/L	93
17) Methyl tert-butyl Ether	5.43	73	147255	25.727	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	130622	23.879	ug/L	94
19) 1,1-Dichloroethane	6.22	63	223336	24.181	ug/L	99
21) 2-Butanone	7.18	43	73891	60.271	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	137295	24.055	ug/L	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017507.D
 Acq On : 25 Nov 2020 17:01
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02523

Quant Time: Nov 26 07:25:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 07:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	63129	24.350	ug/L	99
25) Chloroform	7.68	83	237243	24.331	ug/L	99
27) 1,2-Dichloroethane	8.40	62	152668	25.998	ug/L	97
30) Cyclohexane	7.96	56	205010	24.635	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	202286	24.498	ug/L	99
32) Carbon tetrachloride	8.07	117	197918	24.685	ug/L	99
34) Benzene	8.32	78	509355	24.290	ug/L	100
35) Trichloroethene	9.09	95	140416	24.154	ug/L	98
36) Methylcyclohexane	9.34	83	234791	24.424	ug/L	100
40) 1,2-Dichloropropane	9.37	63	121671	24.703	ug/L	99
41) Bromodichloromethane	9.65	83	166985	24.538	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	195569	25.635	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	135413	59.718	ug/L	100
44) Toluene	10.39	91	556056	24.642	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	175632	26.865	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	96125	26.047	ug/L	97
47) Tetrachloroethene	10.87	164	114642	23.145	ug/L	99
49) 2-Hexanone	10.97	43	106275	66.364	ug/L	90
50) Dibromochloromethane	11.13	129	119127	25.842	ug/L	92
51) 1,2-Dibromoethane	11.24	107	93589	26.461	ug/L #	95
52) Chlorobenzene	11.66	112	358597	24.269	ug/L	93
53) Ethylbenzene	11.73	91	633350	24.755	ug/L	99
54) m,p-Xylene	11.84	106	242472	24.840	ug/L	98
55) o-xylene	12.16	106	229134	25.203	ug/L	100
56) Styrene	12.18	104	396184	25.904	ug/L	99
57) Isopropylbenzene	12.46	105	638624	25.573	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	112747	28.384	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	83697	28.548	ug/L	97
62) Bromoform	12.35	173	67609	25.015	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	292399	23.785	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	296211	24.322	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	259995	24.282	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.49	75	19312	28.013	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	213790	24.276	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	182808	25.677	ug/L	97
69) Naphthalene	15.36	128	320219	29.129	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	159929	26.931	ug/L	97

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

