

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102020\
 Data File : VW016945.D
 Acq On : 20 Oct 2020 09:26
 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: Oct 20 22:44:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 08:48:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	496403	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456579	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	237880	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102774	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
7) Chloroethane-d5	2.89	69	93384	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.92%
10) 1,1-Dichloroethene-d2	4.03	63	243977	23.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.84%
20) 2-Butanone-d5	7.07	46	63883	57.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.18%
24) Chloroform-d	7.65	84	281883	26.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.64%
26) 1,2-Dichloroethane-d4	8.31	65	132268	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.56%
29) Benzene-d6	8.27	84	525537	25.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.36%
33) 1,2-Dichloropropane-d6	9.27	67	149943	26.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.64%
37) Toluene-d8	10.32	98	489474	25.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.08%
38) trans-1,3-Dichloropropene-	10.58	79	63227	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.88%
39) 2-Hexanone-d5	10.93	63	53885	62.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133640	29.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	199812	26.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	136411	22.991	ug/L	95
3) Chloromethane	2.21	50	111587	21.335	ug/L	98
5) Vinyl chloride	2.37	62	177022	26.072	ug/L	99
6) Bromomethane	2.78	94	118822	23.804	ug/L	98
8) Chloroethane	2.93	64	104708	24.986	ug/L	99
9) Trichlorofluoromethane	3.26	101	140440	26.770	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	177038	26.490	ug/L	99
12) 1,1-Dichloroethene	4.04	96	165783	25.830	ug/L	95
13) Acetone	4.12	43	42198	50.272	ug/L	99
14) Carbon disulfide	4.39	76	450992	24.506	ug/L	100
15) Methyl Acetate	4.67	43	51637	25.747	ug/L	99
16) Methylene chloride	4.92	84	156997	22.917	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	184707	25.718	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	171191	25.532	ug/L	99
19) 1,1-Dichloroethane	6.21	63	275734	26.705	ug/L	99
21) 2-Butanone	7.17	43	66222	46.996	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	179113	26.180	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	81929	25.501	ug/L	96
25) Chloroform	7.68	83	295232	26.477	ug/L	99
27) 1,2-Dichloroethane	8.40	62	169621	25.429	ug/L	100
30) Cyclohexane	7.96	56	236515	24.979	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	261093	26.890	ug/L	99
32) Carbon tetrachloride	8.07	117	250163	26.402	ug/L	97
34) Benzene	8.32	78	639798	26.094	ug/L	100
35) Trichloroethene	9.09	95	178072	25.676	ug/L	99
36) Methylcyclohexane	9.34	83	298233	25.575	ug/L	99
40) 1,2-Dichloropropane	9.37	63	148259	26.741	ug/L	99
41) Bromodichloromethane	9.65	83	205685	26.408	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	231448	26.183	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	147350	52.790	ug/L	99
44) Toluene	10.39	91	704751	25.910	ug/L	95
45) trans-1,3-Dichloropropene	10.60	75	199484	26.818	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	119191	26.446	ug/L	99
47) Tetrachloroethene	10.87	164	162623	25.292	ug/L	98
49) 2-Hexanone	10.97	43	99815	54.178	ug/L	99
50) Dibromochloromethane	11.13	129	150849	26.923	ug/L	99
51) 1,2-Dibromoethane	11.24	107	115117	25.991	ug/L	95
52) Chlorobenzene	11.66	112	472127	25.864	ug/L	98
53) Ethylbenzene	11.73	91	807690	26.470	ug/L	100
54) m,p-Xylene	11.84	106	320179	26.980	ug/L	99
55) o-xylene	12.17	106	305079	26.907	ug/L	97
56) Styrene	12.18	104	509160	27.213	ug/L	95
57) Isopropylbenzene	12.46	105	829143	26.705	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	132544	26.610	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	95851	26.564	ug/L	99
62) Bromoform	12.35	173	87287	26.084	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	379762	25.085	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	383069	25.301	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	339368	25.036	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	20097	24.442	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	295944	26.298	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	229499	24.829	ug/L	95
69) Naphthalene	15.36	128	385808	25.207	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	202980	25.556	ug/L	95

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

