

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015876.D
 Acq On : 21 Jul 2020 08:58
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Jul 21 14:54:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 21 06:59:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	459915	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419395	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197545	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	143936	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.72%
7) Chloroethane-d5	2.90	69	125238	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.04%
10) 1,1-Dichloroethene-d2	4.01	63	315463	24.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.16%
20) 2-Butanone-d5	7.08	46	77415	45.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.82%
24) Chloroform-d	7.65	84	295457	22.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.48%
26) 1,2-Dichloroethane-d4	8.31	65	159306	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.88%
29) Benzene-d6	8.27	84	572599	22.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.72%
33) 1,2-Dichloropropane-d6	9.27	67	169251	22.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.48%
37) Toluene-d8	10.32	98	518018	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.60%
38) trans-1,3-Dichloropropene-	10.58	79	72725	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.16%
39) 2-Hexanone-d5	10.93	63	60211	47.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132940	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	173378	22.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	113736	29.225	ug/L 95
3) Chloromethane	2.21	50	121153	25.740	ug/L 100
5) Vinyl chloride	2.37	62	189041	26.040	ug/L 100
6) Bromomethane	2.79	94	115390	26.643	ug/L 98
8) Chloroethane	2.93	64	116821	27.470	ug/L 98
9) Trichlorofluoromethane	3.26	101	149637	30.665	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	154322	25.872	ug/L 98
12) 1,1-Dichloroethene	4.04	96	155831	26.358	ug/L 97
13) Acetone	4.14	43	77944	54.445	ug/L 99
14) Carbon disulfide	4.37	76	497559	26.648	ug/L 99
15) Methyl Acetate	4.67	43	68654	25.434	ug/L 99
16) Methylene chloride	4.91	84	164303	21.802	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	229404	27.440	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	162237	25.986	ug/L 96
19) 1,1-Dichloroethane	6.21	63	300142	26.088	ug/L 98
21) 2-Butanone	7.18	43	96827	54.695	ug/L 96
22) cis-1,2-Dichloroethene	7.17	96	170318	26.075	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	74373	25.966	ug/L	97
25) Chloroform	7.68	83	295417	25.909	ug/L	100
27) 1,2-Dichloroethane	8.40	62	198251	25.552	ug/L	99
30) Cyclohexane	7.96	56	282715	26.734	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	260668	26.618	ug/L	99
32) Carbon tetrachloride	8.07	117	231937	26.118	ug/L	100
34) Benzene	8.32	78	660464	25.929	ug/L	100
35) Trichloroethene	9.09	95	172324	25.574	ug/L	99
36) Methylcyclohexane	9.34	83	307188	26.569	ug/L	99
40) 1,2-Dichloropropane	9.37	63	162139	25.694	ug/L	100
41) Bromodichloromethane	9.65	83	209518	25.710	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	254157	26.445	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	193149	52.440	ug/L	99
44) Toluene	10.39	91	698562	26.148	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	221219	26.556	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	114744	25.287	ug/L	99
47) Tetrachloroethene	10.87	164	131911	25.221	ug/L	96
49) 2-Hexanone	10.97	43	139781	53.479	ug/L	99
50) Dibromochloromethane	11.13	129	136467	25.976	ug/L	98
51) 1,2-Dibromoethane	11.24	107	110156	25.376	ug/L	96
52) Chlorobenzene	11.66	112	436725	25.511	ug/L	100
53) Ethylbenzene	11.73	91	789875	26.293	ug/L	98
54) m,p-Xylene	11.84	106	295998	26.336	ug/L	97
55) o-xylene	12.17	106	279234	26.384	ug/L	100
56) Styrene	12.18	104	484970	26.946	ug/L	98
57) Isopropylbenzene	12.47	105	780084	27.077	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	137836	25.868	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	102723	25.730	ug/L	100
62) Bromoform	12.35	173	74491	25.633	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	323689	25.602	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	325743	25.386	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	290564	25.301	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	22170	25.648	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	230582	25.937	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	183897	26.043	ug/L	98
69) Naphthalene	15.37	128	349276	26.256	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	157951	25.105	ug/L	96

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

