

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016774.D
 Acq On : 02 Oct 2020 19:42
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Oct 03 04:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	514304	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	464838	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	238058	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	87274	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.12%
7) Chloroethane-d5	2.91	69	83971	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.64%
10) 1,1-Dichloroethene-d2	4.04	63	218098	19.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.40%
20) 2-Butanone-d5	7.09	46	62685	46.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.38%
24) Chloroform-d	7.66	84	274823	25.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.16%
26) 1,2-Dichloroethane-d4	8.31	65	129998	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.16%
29) Benzene-d6	8.28	84	465918	22.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.40%
33) 1,2-Dichloropropane-d6	9.28	67	141542	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.20%
37) Toluene-d8	10.33	98	414184	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.76%
38) trans-1,3-Dichloropropene-	10.59	79	59561	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.64%
39) 2-Hexanone-d5	10.93	63	53616	52.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130477	27.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	196200	25.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	151844	23.899	ug/L	95
3) Chloromethane	2.23	50	122617	26.375	ug/L	97
5) Vinyl chloride	2.38	62	183366	26.729	ug/L	99
6) Bromomethane	2.80	94	127128	24.422	ug/L	98
8) Chloroethane	2.95	64	111137	27.385	ug/L	98
9) Trichlorofluoromethane	3.28	101	161857	23.401	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.09	101	178549	26.945	ug/L	97
12) 1,1-Dichloroethene	4.05	96	171916	26.390	ug/L	92
13) Acetone	4.15	43	42397	39.878	ug/L	96
14) Carbon disulfide	4.40	76	465216	23.671	ug/L	100
15) Methyl Acetate	4.69	43	51887	21.433	ug/L	98
16) Methylene chloride	4.93	84	172429	21.738	ug/L	98
17) Methyl tert-butyl Ether	5.44	73	207940	23.305	ug/L	97
18) trans-1,2-Dichloroethene	5.44	96	177585	26.324	ug/L	95
19) 1,1-Dichloroethane	6.23	63	287725	26.969	ug/L	98
21) 2-Butanone	7.18	43	65815	36.387	ug/L	93
22) cis-1,2-Dichloroethene	7.18	96	191269	27.325	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	87716	25.776	ug/L	95
25) Chloroform	7.68	83	311460	26.777	ug/L	99
27) 1,2-Dichloroethane	8.41	62	183773	24.624	ug/L	98
30) Cyclohexane	7.96	56	252720	24.879	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	272729	25.122	ug/L	98
32) Carbon tetrachloride	8.08	117	265471	25.169	ug/L	98
34) Benzene	8.33	78	679806	27.285	ug/L	100
35) Trichloroethene	9.10	95	190435	26.418	ug/L	99
36) Methylcyclohexane	9.34	83	315518	25.805	ug/L	98
40) 1,2-Dichloropropane	9.37	63	154444	26.653	ug/L	99
41) Bromodichloromethane	9.65	83	218565	25.453	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	244702	24.723	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	154471	41.957	ug/L	97
44) Toluene	10.39	91	758226	27.064	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	206209	23.945	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	124129	25.427	ug/L	96
47) Tetrachloroethene	10.87	164	175170	26.912	ug/L	93
49) 2-Hexanone	10.98	43	104044	44.529	ug/L	97
50) Dibromochloromethane	11.13	129	155983	24.473	ug/L	94
51) 1,2-Dibromoethane	11.24	107	120694	24.693	ug/L	93
52) Chlorobenzene	11.66	112	504713	26.820	ug/L	100
53) Ethylbenzene	11.73	91	857795	26.968	ug/L	98
54) m,p-Xylene	11.84	106	334165	26.830	ug/L	99
55) o-xylene	12.17	106	315908	26.476	ug/L	93
56) Styrene	12.18	104	535503	27.027	ug/L	96
57) Isopropylbenzene	12.47	105	885273	27.152	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	136897	25.077	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	97988	24.099	ug/L	99
62) Bromoform	12.35	173	84209	20.972	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	418569	27.032	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	404788	26.694	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	367785	26.582	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	20687	20.859	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	312554	27.600	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	256076	27.953	ug/L	99
69) Naphthalene	15.37	128	417562	25.713	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	217184	27.566	ug/L	99

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

