

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016205.D
 Acq On : 17 Aug 2020 09:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Aug 18 03:15:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 15:36:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	439936	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	406854	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189782	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	109359	20.05	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
7) Chloroethane-d5	2.90	69	90580	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
10) 1,1-Dichloroethene-d2	4.02	63	260757	22.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.04%
20) 2-Butanone-d5	7.08	46	67411	46.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.94%
24) Chloroform-d	7.65	84	263051	22.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.12%
26) 1,2-Dichloroethane-d4	8.31	65	131550	20.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.92%
29) Benzene-d6	8.28	84	514910	23.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.04%
33) 1,2-Dichloropropane-d6	9.28	67	149640	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.96%
37) Toluene-d8	10.33	98	471287	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.88%
38) trans-1,3-Dichloropropene-	10.59	79	66495	22.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.92%
39) 2-Hexanone-d5	10.93	63	53546	47.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124723	23.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	158337	23.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.02	85	117685	26.480	ug/L 92
3) Chloromethane	2.23	50	101876	23.083	ug/L 98
5) Vinyl chloride	2.37	62	149951	25.600	ug/L 98
6) Bromomethane	2.79	94	91999	25.078	ug/L 99
8) Chloroethane	2.94	64	85231	25.840	ug/L 99
9) Trichlorofluoromethane	3.27	101	127131	30.406	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	150541	25.477	ug/L 95
12) 1,1-Dichloroethene	4.04	96	152495	27.007	ug/L 89
13) Acetone	4.12	43	54558	50.250	ug/L 91
14) Carbon disulfide	4.38	76	472444	26.656	ug/L 99
15) Methyl Acetate	4.68	43	58681	22.986	ug/L 95
16) Methylene chloride	4.92	84	163493	23.535	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	209602	26.195	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	157351	26.493	ug/L 88
19) 1,1-Dichloroethane	6.22	63	259383	24.682	ug/L 99
21) 2-Butanone	7.18	43	79878	46.420	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	163806	26.143	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	72938	25.363	ug/L	92
25) Chloroform	7.68	83	271104	24.248	ug/L	100
27) 1,2-Dichloroethane	8.40	62	164761	22.123	ug/L	99
30) Cyclohexane	7.96	56	233008	26.321	ug/L	97
31) 1,1,1-Trichloroethane	7.88	97	238633	25.525	ug/L	99
32) Carbon tetrachloride	8.07	117	222012	25.108	ug/L	98
34) Benzene	8.33	78	610611	26.026	ug/L	100
35) Trichloroethene	9.10	95	159353	25.259	ug/L	96
36) Methylcyclohexane	9.34	83	273654	26.331	ug/L	98
40) 1,2-Dichloropropane	9.37	63	143128	24.842	ug/L	99
41) Bromodichloromethane	9.65	83	191922	24.248	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	229114	26.111	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	166452	48.032	ug/L	97
44) Toluene	10.39	91	648759	26.195	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	197647	25.075	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	112557	24.818	ug/L	98
47) Tetrachloroethene	10.87	164	124222	26.266	ug/L	94
49) 2-Hexanone	10.97	43	111443	47.658	ug/L	96
50) Dibromochloromethane	11.13	129	134980	25.270	ug/L	97
51) 1,2-Dibromoethane	11.24	107	108630	25.265	ug/L	93
52) Chlorobenzene	11.66	112	418547	25.541	ug/L	96
53) Ethylbenzene	11.73	91	744298	26.487	ug/L	100
54) m,p-Xylene	11.84	106	285041	26.966	ug/L	99
55) o-xylene	12.17	106	266241	26.740	ug/L	98
56) Styrene	12.18	104	457221	26.524	ug/L	99
57) Isopropylbenzene	12.47	105	738090	27.495	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	129295	24.433	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	95528	23.829	ug/L	99
62) Bromoform	12.35	173	73823	25.724	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	308825	25.764	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	309699	25.362	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	284966	25.929	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	21715	22.533	ug/L #	88
67) 1,3,5-Trichlorobenzene	14.63	180	207627	27.451	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	165565	27.008	ug/L	98
69) Naphthalene	15.37	128	345263	26.683	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	147738	26.527	ug/L	99

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

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