

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081820\
 Data File : VW016247.D
 Acq On : 18 Aug 2020 19:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Aug 19 05:53:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 05:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	379219	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360649	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177385	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80715	17.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.68%
7) Chloroethane-d5	2.89	69	67732	18.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.92%
10) 1,1-Dichloroethene-d2	4.01	63	203843	20.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.64%
20) 2-Butanone-d5	7.09	46	68951	55.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.46%
24) Chloroform-d	7.65	84	228569	22.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.84%
26) 1,2-Dichloroethane-d4	8.31	65	120821	22.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.40%
29) Benzene-d6	8.27	84	445038	22.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.72%
33) 1,2-Dichloropropane-d6	9.27	67	129599	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.84%
37) Toluene-d8	10.32	98	407180	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.52%
38) trans-1,3-Dichloropropene-	10.58	79	59324	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.52%
39) 2-Hexanone-d5	10.93	63	59398	59.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128093	27.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	150779	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	82278	21.478	ug/L 92
3) Chloromethane	2.21	50	75974	19.970	ug/L 95
5) Vinyl chloride	2.37	62	109156	21.619	ug/L 100
6) Bromomethane	2.78	94	70678	22.351	ug/L 99
8) Chloroethane	2.93	64	62115	21.847	ug/L 93
9) Trichlorofluoromethane	3.26	101	89316	24.782	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	125960	24.730	ug/L 96
12) 1,1-Dichloroethene	4.03	96	120829	24.825	ug/L 90
13) Acetone	4.12	43	49092	52.455	ug/L 89
14) Carbon disulfide	4.37	76	361017	23.630	ug/L 99
15) Methyl Acetate	4.67	43	56302	25.585	ug/L 94
16) Methylene chloride	4.91	84	144459	24.125	ug/L 92
17) Methyl tert-butyl Ether	5.43	73	176894	25.647	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	127248	24.854	ug/L 88
19) 1,1-Dichloroethane	6.21	63	214143	23.640	ug/L 98
21) 2-Butanone	7.18	43	72816	49.091	ug/L 94
22) cis-1,2-Dichloroethene	7.17	96	135689	25.123	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	65611	26.468	ug/L	90
25) Chloroform	7.68	83	228658	23.726	ug/L	99
27) 1,2-Dichloroethane	8.40	62	146185	22.772	ug/L	99
30) Cyclohexane	7.96	56	185803	23.678	ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	191316	23.086	ug/L	99
32) Carbon tetrachloride	8.07	117	181051	23.099	ug/L	98
34) Benzene	8.32	78	501536	24.115	ug/L	100
35) Trichloroethene	9.09	95	132300	23.658	ug/L	94
36) Methylcyclohexane	9.34	83	225547	24.483	ug/L	97
40) 1,2-Dichloropropane	9.37	63	123220	24.126	ug/L	99
41) Bromodichloromethane	9.65	83	165565	23.598	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	194702	25.032	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	159188	51.821	ug/L	96
44) Toluene	10.39	91	545363	24.841	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	173156	24.782	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	103391	25.718	ug/L	99
47) Tetrachloroethene	10.87	164	109227	26.054	ug/L	93
49) 2-Hexanone	10.97	43	113058	54.543	ug/L	95
50) Dibromochloromethane	11.13	129	122721	25.918	ug/L	99
51) 1,2-Dibromoethane	11.24	107	101649	26.670	ug/L	100
52) Chlorobenzene	11.66	112	358151	24.656	ug/L	93
53) Ethylbenzene	11.73	91	617392	24.786	ug/L	100
54) m,p-Xylene	11.84	106	237005	25.294	ug/L	95
55) o-xylene	12.17	106	222866	25.252	ug/L	98
56) Styrene	12.18	104	399374	26.137	ug/L	96
57) Isopropylbenzene	12.47	105	612737	25.750	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	125526	26.760	ug/L	92
59) 1,2,3-Trichloropropane	12.77	75	94261	26.525	ug/L	98
62) Bromoform	12.35	173	68812	25.653	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	274581	24.508	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	277279	24.294	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	254787	24.804	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	21525	23.897	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.63	180	181380	25.657	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	154491	26.963	ug/L	94
69) Naphthalene	15.37	128	339561	28.076	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	139780	26.852	ug/L	98

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

