

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110920\
 Data File : VW017126.D
 Acq On : 09 Nov 2020 19:49
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02519

Quant Time: Nov 10 08:01:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 10 07:51:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	447626	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	410014	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203181	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	148834	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.60%
7) Chloroethane-d5	2.89	69	123300	28.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.52%
10) 1,1-Dichloroethene-d2	4.03	63	260891	25.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.48%
20) 2-Butanone-d5	7.09	46	55201	43.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.56%
24) Chloroform-d	7.65	84	297215	28.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.76%
26) 1,2-Dichloroethane-d4	8.31	65	138995	26.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.00%
29) Benzene-d6	8.28	84	572307	27.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.64%
33) 1,2-Dichloropropane-d6	9.28	67	159072	27.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.16%
37) Toluene-d8	10.33	98	528291	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.32%
38) trans-1,3-Dichloropropene-	10.58	79	66664	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.40%
39) 2-Hexanone-d5	10.93	63	46785	46.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126464	25.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	204220	28.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	102061	22.725	ug/L 98
3) Chloromethane	2.21	50	94590	23.206	ug/L 100
5) Vinyl chloride	2.37	62	151180	25.289	ug/L 100
6) Bromomethane	2.79	94	105919	25.620	ug/L 99
8) Chloroethane	2.93	64	94527	26.206	ug/L 100
9) Trichlorofluoromethane	3.27	101	133285	27.413	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	148594	25.718	ug/L 99
12) 1,1-Dichloroethene	4.05	96	136549	24.578	ug/L 91
13) Acetone	4.14	43	32626	38.646	ug/L 97
14) Carbon disulfide	4.39	76	347469	22.982	ug/L 98
15) Methyl Acetate	4.68	43	40239	19.231	ug/L 99
16) Methylene chloride	4.92	84	140198	23.231	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	164197	24.204	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	142277	24.740	ug/L 99
19) 1,1-Dichloroethane	6.22	63	235679	25.866	ug/L 100
21) 2-Butanone	7.18	43	49493	36.511	ug/L 98
22) cis-1,2-Dichloroethene	7.18	96	151151	24.858	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	69911	23.880	ug/L	96
25) Chloroform	7.68	83	257209	25.929	ug/L	100
27) 1,2-Dichloroethane	8.40	62	146362	24.621	ug/L	97
30) Cyclohexane	7.96	56	190301	24.651	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	225856	26.899	ug/L	99
32) Carbon tetrachloride	8.07	117	211988	26.165	ug/L	99
34) Benzene	8.33	78	546262	25.373	ug/L	100
35) Trichloroethene	9.10	95	149747	24.830	ug/L	99
36) Methylcyclohexane	9.34	83	239875	24.718	ug/L	98
40) 1,2-Dichloropropane	9.37	63	125332	24.903	ug/L	99
41) Bromodichloromethane	9.65	83	180053	25.867	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	199004	24.964	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	117455	37.827	ug/L	100
44) Toluene	10.39	91	612668	25.853	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	168945	24.678	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	100803	23.231	ug/L	99
47) Tetrachloroethene	10.87	164	133578	24.549	ug/L	92
49) 2-Hexanone	10.97	43	80581	43.046	ug/L	93
50) Dibromochloromethane	11.13	129	129414	24.480	ug/L	97
51) 1,2-Dibromoethane	11.24	107	94648	22.452	ug/L	99
52) Chlorobenzene	11.66	112	406854	25.383	ug/L	98
53) Ethylbenzene	11.73	91	688776	26.021	ug/L	100
54) m,p-Xylene	11.84	106	272661	26.333	ug/L	97
55) o-xylene	12.17	106	255883	26.036	ug/L	92
56) Styrene	12.18	104	440179	26.676	ug/L	98
57) Isopropylbenzene	12.47	105	726601	27.241	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	110587	22.061	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	77681	21.559	ug/L	100
62) Bromoform	12.35	173	72755	23.327	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	339682	26.875	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	327964	25.828	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	301660	26.466	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	16155	21.437	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	255394	27.421	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	195682	26.328	ug/L	98
69) Naphthalene	15.37	128	327289	23.928	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	177881	26.193	ug/L	99

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

