

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110920\
 Data File : VW017113.D
 Acq On : 09 Nov 2020 10:08
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Nov 10 07:54:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 09 04:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	512021	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	467133	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	238698	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	182155	28.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.96%
7) Chloroethane-d5	2.89	69	146804	29.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.16%
10) 1,1-Dichloroethene-d2	4.03	63	307603	26.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.68%
20) 2-Butanone-d5	7.08	46	70404	48.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.64%
24) Chloroform-d	7.65	84	341248	28.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.20%
26) 1,2-Dichloroethane-d4	8.30	65	163838	27.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.28%
29) Benzene-d6	8.27	84	659673	27.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.92%
33) 1,2-Dichloropropane-d6	9.27	67	185885	28.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.00%
37) Toluene-d8	10.32	98	617517	27.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.12%
38) trans-1,3-Dichloropropene-	10.58	79	81228	27.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.52%
39) 2-Hexanone-d5	10.93	63	57585	50.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154514	26.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	237319	28.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	129474	25.203	ug/L	99
3) Chloromethane	2.22	50	108571	23.286	ug/L	99
5) Vinyl chloride	2.37	62	177512	25.959	ug/L	99
6) Bromomethane	2.79	94	118337	25.023	ug/L	99
8) Chloroethane	2.93	64	106963	25.924	ug/L	98
9) Trichlorofluoromethane	3.26	101	145595	26.179	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	173127	26.196	ug/L	100
12) 1,1-Dichloroethene	4.04	96	157581	24.797	ug/L	93
13) Acetone	4.13	43	41068	42.528	ug/L	97
14) Carbon disulfide	4.39	76	413779	23.926	ug/L	100
15) Methyl Acetate	4.68	43	49605	20.725	ug/L	100
16) Methylene chloride	4.92	84	153835	22.285	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	175512	22.618	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	159415	24.234	ug/L	97
19) 1,1-Dichloroethane	6.22	63	260488	24.994	ug/L	99
21) 2-Butanone	7.18	43	62032	40.006	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	167730	24.115	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	79271	23.672	ug/L	96
25) Chloroform	7.68	83	287746	25.359	ug/L	99
27) 1,2-Dichloroethane	8.40	62	162168	23.849	ug/L	98
30) Cyclohexane	7.96	56	218925	24.891	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	251462	26.287	ug/L	100
32) Carbon tetrachloride	8.07	117	243656	26.396	ug/L	98
34) Benzene	8.33	78	609999	24.869	ug/L	100
35) Trichloroethene	9.09	95	167235	24.339	ug/L	98
36) Methylcyclohexane	9.34	83	271797	24.582	ug/L	98
40) 1,2-Dichloropropane	9.37	63	141091	24.606	ug/L	100
41) Bromodichloromethane	9.65	83	199586	25.167	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	223737	24.635	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	141156	39.902	ug/L	98
44) Toluene	10.39	91	682883	25.292	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	193945	24.866	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	113565	22.972	ug/L	99
47) Tetrachloroethene	10.87	164	154318	24.892	ug/L	94
49) 2-Hexanone	10.97	43	94971	44.530	ug/L	97
50) Dibromochloromethane	11.13	129	146865	24.384	ug/L	97
51) 1,2-Dibromoethane	11.24	107	109356	22.769	ug/L	97
52) Chlorobenzene	11.66	112	457664	25.062	ug/L	99
53) Ethylbenzene	11.73	91	763991	25.333	ug/L	100
54) m,p-Xylene	11.84	106	300839	25.501	ug/L	98
55) o-xylene	12.16	106	288102	25.730	ug/L	97
56) Styrene	12.18	104	489883	26.058	ug/L	100
57) Isopropylbenzene	12.46	105	783872	25.795	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	129509	22.677	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	90446	22.033	ug/L	100
62) Bromoform	12.35	173	86217	23.530	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	367292	24.736	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	367040	24.604	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	338718	25.296	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	19513	22.041	ug/L	86
67) 1,3,5-Trichlorobenzene	14.63	180	284936	26.041	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	223391	25.583	ug/L	98
69) Naphthalene	15.36	128	379310	23.605	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	193772	24.287	ug/L	97

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

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