

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102620\
 Data File : VW017002.D
 Acq On : 26 Oct 2020 16:33
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Quant Time: Oct 27 08:26:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	454950	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	424721	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	215621	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114948	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
7) Chloroethane-d5	2.89	69	94790	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	4.03	63	240891	23.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.36%
20) 2-Butanone-d5	7.08	46	68428	69.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.36%#
24) Chloroform-d	7.65	84	259045	24.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	8.31	65	128516	26.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.08%
29) Benzene-d6	8.28	84	517412	23.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.88%
33) 1,2-Dichloropropane-d6	9.27	67	143481	24.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.44%
37) Toluene-d8	10.32	98	493557	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.12%
38) trans-1,3-Dichloropropene-	10.58	79	66643	26.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.64%
39) 2-Hexanone-d5	10.93	63	59962	72.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133975	29.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	191975	25.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	130255	25.101	ug/L 100
3) Chloromethane	2.21	50	99751	22.271	ug/L 99
5) Vinyl chloride	2.37	62	165413	25.214	ug/L 99
6) Bromomethane	2.78	94	107180	24.056	ug/L 98
8) Chloroethane	2.93	64	94789	25.107	ug/L 98
9) Trichlorofluoromethane	3.26	101	118780	22.828	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	166788	26.595	ug/L 99
12) 1,1-Dichloroethene	4.05	96	155039	26.033	ug/L 92
13) Acetone	4.12	43	43996	66.104	ug/L 97
14) Carbon disulfide	4.39	76	445588	24.680	ug/L 100
15) Methyl Acetate	4.67	43	58275	33.537	ug/L 100
16) Methylene chloride	4.93	84	151379	25.166	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	178871	27.553	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	159745	25.647	ug/L 98
19) 1,1-Dichloroethane	6.22	63	249733	26.181	ug/L 99
21) 2-Butanone	7.17	43	74542	66.924	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	166874	26.500	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	79597	27.382	ug/L	97
25) Chloroform	7.68	83	270874	26.675	ug/L	99
27) 1,2-Dichloroethane	8.40	62	160955	27.834	ug/L	98
30) Cyclohexane	7.96	56	230717	25.969	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	236067	25.673	ug/L	99
32) Carbon tetrachloride	8.07	117	223668	25.342	ug/L	99
34) Benzene	8.33	78	598665	25.515	ug/L	100
35) Trichloroethene	9.09	95	165180	25.419	ug/L	99
36) Methylcyclohexane	9.34	83	283499	25.978	ug/L	99
40) 1,2-Dichloropropane	9.37	63	138347	26.403	ug/L	99
41) Bromodichloromethane	9.65	83	190826	26.832	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	221941	27.087	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	164737	66.324	ug/L	98
44) Toluene	10.39	91	670436	26.373	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	193006	28.435	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	118187	28.179	ug/L	98
47) Tetrachloroethene	10.87	164	152922	25.583	ug/L	93
49) 2-Hexanone	10.97	43	115506	72.968	ug/L	99
50) Dibromochloromethane	11.13	129	142698	27.928	ug/L	97
51) 1,2-Dibromoethane	11.24	107	117083	29.281	ug/L	99
52) Chlorobenzene	11.66	112	444130	26.135	ug/L	99
53) Ethylbenzene	11.73	91	735527	25.764	ug/L	98
54) m,p-Xylene	11.84	106	291911	25.990	ug/L	95
55) o-xylene	12.16	106	279861	26.899	ug/L	92
56) Styrene	12.18	104	468255	26.903	ug/L	99
57) Isopropylbenzene	12.46	105	763289	26.523	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	141051	31.332	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	102143	31.705	ug/L	99
62) Bromoform	12.35	173	89214	29.444	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	353979	25.443	ug/L	90
64) 1,4-Dichlorobenzene	13.58	146	363545	26.213	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	328085	26.732	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.48	75	22243	33.316	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	279920	27.489	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	226462	28.692	ug/L	98
69) Naphthalene	15.36	128	443267	34.623	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	204659	29.755	ug/L	100

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

