

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017493.D
 Acq On : 25 Nov 2020 10:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Nov 26 07:17:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 01:45:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	473976	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	424495	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	208890	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	158134	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.44%
7) Chloroethane-d5	2.89	69	125969	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.76%
10) 1,1-Dichloroethene-d2	4.03	63	351124	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.16%
20) 2-Butanone-d5	7.08	46	67267	51.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.32%
24) Chloroform-d	7.65	84	337226	25.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.16%
26) 1,2-Dichloroethane-d4	8.31	65	171493	25.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.84%
29) Benzene-d6	8.27	84	630194	24.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.56%
33) 1,2-Dichloropropane-d6	9.27	67	175450	24.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.16%
37) Toluene-d8	10.32	98	588868	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.08%
38) trans-1,3-Dichloropropene-	10.58	79	80958	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.32%
39) 2-Hexanone-d5	10.93	63	45937	51.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124214	23.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	186233	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	96323	21.386	ug/L	98
3) Chloromethane	2.21	50	108488	23.397	ug/L	94
5) Vinyl chloride	2.37	62	152111	26.452	ug/L	98
6) Bromomethane	2.78	94	104511	25.239	ug/L	99
8) Chloroethane	2.93	64	96977	25.100	ug/L	98
9) Trichlorofluoromethane	3.27	101	159431	24.212	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	168161	24.950	ug/L #	68
12) 1,1-Dichloroethene	4.04	96	159342	24.245	ug/L	88
13) Acetone	4.14	43	65595	51.844	ug/L	90
14) Carbon disulfide	4.39	76	454535	24.180	ug/L	97
15) Methyl Acetate	4.67	43	55977	25.417	ug/L	93
16) Methylene chloride	4.92	84	158861	22.324	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	188881	26.720	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	164960	24.417	ug/L	96
19) 1,1-Dichloroethane	6.21	63	291170	25.526	ug/L	99
21) 2-Butanone	7.17	43	79921	52.785	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	173170	24.567	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	74591	23.296	ug/L	92
25) Chloroform	7.68	83	309094	25.668	ug/L	99
27) 1,2-Dichloroethane	8.40	62	194233	26.782	ug/L	99
30) Cyclohexane	7.96	56	270784	26.743	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	273232	27.196	ug/L	98
32) Carbon tetrachloride	8.07	117	262543	26.913	ug/L	99
34) Benzene	8.32	78	641147	25.130	ug/L	100
35) Trichloroethene	9.09	95	179626	25.396	ug/L	96
36) Methylcyclohexane	9.34	83	303370	25.937	ug/L	97
40) 1,2-Dichloropropane	9.37	63	154375	25.760	ug/L	98
41) Bromodichloromethane	9.65	83	213498	25.785	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	246252	26.529	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	143515	52.018	ug/L	97
44) Toluene	10.39	91	710174	25.867	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	211900	26.640	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	107356	23.909	ug/L	98
47) Tetrachloroethene	10.87	164	143876	23.874	ug/L	98
49) 2-Hexanone	10.97	43	115373	59.213	ug/L	89
50) Dibromochloromethane	11.13	129	139868	24.937	ug/L	97
51) 1,2-Dibromoethane	11.24	107	104780	24.348	ug/L	99
52) Chlorobenzene	11.66	112	445235	24.766	ug/L	94
53) Ethylbenzene	11.73	91	808868	25.984	ug/L	100
54) m,p-Xylene	11.84	106	301176	25.358	ug/L	92
55) o-xylene	12.16	106	281151	25.416	ug/L	92
56) Styrene	12.18	104	471224	25.322	ug/L	92
57) Isopropylbenzene	12.46	105	795285	26.174	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	120632	24.960	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	88928	24.929	ug/L	98
62) Bromoform	12.35	173	72471	24.473	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	343203	25.480	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	340184	25.494	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	301595	25.708	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	19195	25.412	ug/L	85
67) 1,3,5-Trichlorobenzene	14.63	180	235404	24.397	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	194037	24.875	ug/L	97
69) Naphthalene	15.37	128	298395	24.774	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	159473	24.510	ug/L	97

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

