

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017153.D
 Acq On : 11 Nov 2020 09:55
 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 12 03:07:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 01:15:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	477908	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	430915	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219755	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	144623	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.12%
7) Chloroethane-d5	2.89	69	121974	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.16%
10) 1,1-Dichloroethene-d2	4.03	63	253740	23.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.28%
20) 2-Butanone-d5	7.08	46	59828	44.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.88%
24) Chloroform-d	7.65	84	289164	25.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.68%
26) 1,2-Dichloroethane-d4	8.31	65	140243	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.12%
29) Benzene-d6	8.27	84	548972	25.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.08%
33) 1,2-Dichloropropane-d6	9.27	67	153417	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	10.32	98	512513	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.08%
38) trans-1,3-Dichloropropene-	10.58	79	67373	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.48%
39) 2-Hexanone-d5	10.93	63	47982	45.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130762	24.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	193420	24.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	101067	21.078	ug/L	97
3) Chloromethane	2.21	50	90161	20.718	ug/L	99
5) Vinyl chloride	2.37	62	147477	23.106	ug/L	98
6) Bromomethane	2.78	94	102484	23.218	ug/L	99
8) Chloroethane	2.93	64	90937	23.613	ug/L	99
9) Trichlorofluoromethane	3.27	101	128027	24.663	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	140806	22.826	ug/L	98
12) 1,1-Dichloroethene	4.04	96	130442	21.991	ug/L	96
13) Acetone	4.13	43	34875	38.693	ug/L	94
14) Carbon disulfide	4.39	76	327152	20.267	ug/L	99
15) Methyl Acetate	4.67	43	42295	18.932	ug/L	98
16) Methylene chloride	4.92	84	130210	20.209	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	159512	22.023	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	133994	21.823	ug/L	97
19) 1,1-Dichloroethane	6.22	63	219904	22.606	ug/L	97
21) 2-Butanone	7.17	43	52082	35.987	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	141890	21.856	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	67985	21.751	ug/L	93
25) Chloroform	7.68	83	244598	23.095	ug/L	99
27) 1,2-Dichloroethane	8.40	62	141464	22.289	ug/L	96
30) Cyclohexane	7.96	56	177985	21.937	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	215924	24.469	ug/L	99
32) Carbon tetrachloride	8.07	117	206467	24.247	ug/L	98
34) Benzene	8.32	78	510721	22.571	ug/L	100
35) Trichloroethene	9.09	95	141537	22.330	ug/L	99
36) Methylcyclohexane	9.34	83	232048	22.751	ug/L	99
40) 1,2-Dichloropropane	9.37	63	117841	22.279	ug/L	98
41) Bromodichloromethane	9.65	83	171648	23.464	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	193034	23.041	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	120932	37.058	ug/L	99
44) Toluene	10.39	91	572655	22.992	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	166035	23.077	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	97555	21.392	ug/L	98
47) Tetrachloroethene	10.87	164	127741	22.337	ug/L	94
49) 2-Hexanone	10.97	43	78616	39.960	ug/L	97
50) Dibromochloromethane	11.13	129	124999	22.498	ug/L	98
51) 1,2-Dibromoethane	11.24	107	91917	20.747	ug/L	98
52) Chlorobenzene	11.66	112	382204	22.689	ug/L	99
53) Ethylbenzene	11.73	91	654656	23.532	ug/L	97
54) m,p-Xylene	11.84	106	252458	23.199	ug/L	94
55) o-xylene	12.16	106	241934	23.422	ug/L	98
56) Styrene	12.18	104	411723	23.741	ug/L	96
57) Isopropylbenzene	12.46	105	674509	24.062	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	110396	20.955	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	77366	20.430	ug/L	99
62) Bromoform	12.35	173	72182	21.398	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	294426	21.538	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	309812	22.558	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	280703	22.770	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	15727	19.295	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	235682	23.396	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	178990	22.266	ug/L	99
69) Naphthalene	15.36	128	297912	20.138	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	156358	21.287	ug/L	99

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

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