

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017151.D
 Acq On : 10 Nov 2020 19:32
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02521

Quant Time: Nov 11 05:41:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	437519	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393597	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199523	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	147551	26.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.08%
7) Chloroethane-d5	2.90	69	123589	29.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.40%
10) 1,1-Dichloroethene-d2	4.03	63	251743	25.54	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.16%
20) 2-Butanone-d5	7.09	46	53718	43.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.18%
24) Chloroform-d	7.65	84	292488	28.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.56%
26) 1,2-Dichloroethane-d4	8.31	65	138606	27.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.20%
29) Benzene-d6	8.28	84	564117	28.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.56%
33) 1,2-Dichloropropane-d6	9.28	67	157109	28.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.36%
37) Toluene-d8	10.33	98	525520	27.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.24%
38) trans-1,3-Dichloropropene-	10.58	79	64982	26.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.00%
39) 2-Hexanone-d5	10.93	63	45110	46.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124134	25.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	198997	28.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	94971	21.635	ug/L	97
3) Chloromethane	2.21	50	88450	22.201	ug/L	98
5) Vinyl chloride	2.37	62	141763	24.261	ug/L	98
6) Bromomethane	2.79	94	100282	24.816	ug/L	98
8) Chloroethane	2.93	64	89146	25.285	ug/L	99
9) Trichlorofluoromethane	3.27	101	119635	25.174	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	135898	24.064	ug/L	98
12) 1,1-Dichloroethene	4.05	96	124487	22.925	ug/L	97
13) Acetone	4.14	43	29326	35.540	ug/L	95
14) Carbon disulfide	4.39	76	317748	21.501	ug/L	99
15) Methyl Acetate	4.68	43	35370	17.294	ug/L	98
16) Methylene chloride	4.92	84	134945	22.877	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	146221	22.052	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	130188	23.161	ug/L	99
19) 1,1-Dichloroethane	6.22	63	214119	24.043	ug/L	99
21) 2-Butanone	7.18	43	43308	32.687	ug/L	97
22) cis-1,2-Dichloroethene	7.18	96	137192	23.084	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	63358	22.142	ug/L	95
25) Chloroform	7.68	83	239771	24.729	ug/L	99
27) 1,2-Dichloroethane	8.40	62	134488	23.146	ug/L	97
30) Cyclohexane	7.96	56	167183	22.559	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	207282	25.716	ug/L	99
32) Carbon tetrachloride	8.07	117	191227	24.587	ug/L	100
34) Benzene	8.33	78	495950	23.996	ug/L	100
35) Trichloroethene	9.09	95	137126	23.685	ug/L	99
36) Methylcyclohexane	9.34	83	212493	22.809	ug/L	99
40) 1,2-Dichloropropane	9.37	63	114858	23.774	ug/L	99
41) Bromodichloromethane	9.65	83	164586	24.631	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	181610	23.732	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	107629	36.108	ug/L	100
44) Toluene	10.39	91	562160	24.711	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	149693	22.778	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	91196	21.893	ug/L	97
47) Tetrachloroethene	10.87	164	123644	23.671	ug/L	95
49) 2-Hexanone	10.97	43	70276	39.107	ug/L	95
50) Dibromochloromethane	11.13	129	112914	22.250	ug/L	99
51) 1,2-Dibromoethane	11.24	107	85536	21.137	ug/L	99
52) Chlorobenzene	11.66	112	375912	24.431	ug/L	99
53) Ethylbenzene	11.73	91	627213	24.683	ug/L	98
54) m,p-Xylene	11.84	106	245356	24.684	ug/L	98
55) o-xylene	12.17	106	235582	24.970	ug/L	94
56) Styrene	12.18	104	401264	25.332	ug/L	95
57) Isopropylbenzene	12.47	105	648584	25.331	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	99264	20.628	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	70212	20.299	ug/L	99
62) Bromoform	12.35	173	64746	21.140	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	307207	24.751	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	300835	24.125	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	269317	24.062	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	14697	19.860	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	222121	24.286	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	174900	23.963	ug/L	100
69) Naphthalene	15.37	128	296461	22.072	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	155521	23.320	ug/L	98

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

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