

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102119\
 Data File : VW013626.D
 Acq On : 21 Oct 2019 09:57
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Oct 21 16:36:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 18 13:08:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	351149	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331614	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199541	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113851	26.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.68%
7) Chloroethane-d5	2.89	69	102480	25.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.92%
10) 1,1-Dichloroethene-d2	4.03	63	249993	26.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.08%
20) 2-Butanone-d5	7.07	46	80043	51.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.90%
24) Chloroform-d	7.65	84	248317	25.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.08%
26) 1,2-Dichloroethane-d4	8.31	65	123759	24.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.36%
29) Benzene-d6	8.27	84	510035	25.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.40%
33) 1,2-Dichloropropane-d6	9.27	67	154341	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.76%
37) Toluene-d8	10.32	98	467140	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.68%
38) trans-1,3-Dichloropropene-	10.57	79	68055	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.40%
39) 2-Hexanone-d5	10.92	63	61044	53.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127230	26.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	176307	25.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	102093	25.849	ug/L	95
3) Chloromethane	2.21	50	93695	21.915	ug/L	98
5) Vinyl chloride	2.37	62	145561	27.243	ug/L	99
6) Bromomethane	2.78	94	93446	24.204	ug/L	100
8) Chloroethane	2.93	64	92609	25.649	ug/L	99
9) Trichlorofluoromethane	3.26	101	97707	27.132	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	143471	25.301	ug/L	99
12) 1,1-Dichloroethene	4.04	96	148876	26.677	ug/L	89
13) Acetone	4.13	43	76768	44.887	ug/L	97
14) Carbon disulfide	4.39	76	434656	27.219	ug/L	100
15) Methyl Acetate	4.67	43	67346	24.100	ug/L	99
16) Methylene chloride	4.92	84	147637	21.956	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	185173	23.981	ug/L #	90
18) trans-1,2-Dichloroethene	5.42	96	155339	25.180	ug/L	94
19) 1,1-Dichloroethane	6.21	63	262703	25.157	ug/L	97
21) 2-Butanone	7.17	43	99318	45.738	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	165652	25.016	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102119\
 Data File : VW013626.D
 Acq On : 21 Oct 2019 09:57
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Oct 21 16:36:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 18 13:08:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	72409	24.193	ug/L	99
25) Chloroform	7.67	83	257022	24.503	ug/L	100
27) 1,2-Dichloroethane	8.40	62	161007	23.949	ug/L	99
30) Cyclohexane	7.95	56	262824	27.053	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	200908	25.976	ug/L	99
32) Carbon tetrachloride	8.07	117	198734	26.387	ug/L	98
34) Benzene	8.32	78	613882	25.800	ug/L	100
35) Trichloroethene	9.09	95	160611	26.309	ug/L	98
36) Methylcyclohexane	9.34	83	287525	26.721	ug/L	99
40) 1,2-Dichloropropane	9.37	63	148431	25.514	ug/L	99
41) Bromodichloromethane	9.65	83	185160	25.975	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	235015	25.586	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	188199	47.414	ug/L	99
44) Toluene	10.38	91	663617	25.959	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	190460	25.688	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	108702	24.227	ug/L	97
47) Tetrachloroethene	10.86	164	144962	25.941	ug/L	99
49) 2-Hexanone	10.97	43	145011	51.496	ug/L	99
50) Dibromochloromethane	11.13	129	131856	24.901	ug/L	95
51) 1,2-Dibromoethane	11.23	107	106774	24.471	ug/L	99
52) Chlorobenzene	11.66	112	417824	25.545	ug/L	99
53) Ethylbenzene	11.73	91	728475	25.791	ug/L	99
54) m,p-Xylene	11.84	106	286769	26.273	ug/L	100
55) o-xylene	12.16	106	266610	25.740	ug/L	98
56) Styrene	12.18	104	459995	25.961	ug/L	97
57) Isopropylbenzene	12.46	105	725183	26.102	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	130497	24.815	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	96594	24.631	ug/L	98
62) Bromoform	12.35	173	83876	24.527	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	337452	24.923	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	330169	24.267	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	303776	24.762	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	20217	23.976	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	261084	25.938	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	220735	25.831	ug/L	99
69) Naphthalene	15.36	128	397748	25.687	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	193820	25.327	ug/L	99

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

