

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101519\
 Data File : VW013575.D
 Acq On : 15 Oct 2019 10:18
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Oct 15 13:46:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 02:01:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	488562	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	429513	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221993	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125982	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.12%
7) Chloroethane-d5	2.89	69	97298	22.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.64%
10) 1,1-Dichloroethene-d2	4.02	63	276106	23.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.16%
20) 2-Butanone-d5	7.08	46	79077	46.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.90%
24) Chloroform-d	7.65	84	259059	24.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.64%
26) 1,2-Dichloroethane-d4	8.31	65	130546	23.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.96%
29) Benzene-d6	8.27	84	549132	23.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.48%
33) 1,2-Dichloropropane-d6	9.27	67	163693	23.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.92%
37) Toluene-d8	10.32	98	512878	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.92%
38) trans-1,3-Dichloropropene-	10.58	79	71809	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.44%
39) 2-Hexanone-d5	10.93	63	62854	46.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130418	23.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	187028	23.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	68479	25.723	ug/L	98
3) Chloromethane	2.21	50	108165	23.124	ug/L	98
5) Vinyl chloride	2.36	62	161661	24.428	ug/L	98
6) Bromomethane	2.78	94	99139	24.457	ug/L	99
8) Chloroethane	2.92	64	93107	25.083	ug/L	97
9) Trichlorofluoromethane	3.26	101	85831	24.879	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	151927	24.813	ug/L	99
12) 1,1-Dichloroethene	4.04	96	155192	25.305	ug/L	97
13) Acetone	4.12	43	80005	41.329	ug/L	99
14) Carbon disulfide	4.38	76	457827	24.462	ug/L	100
15) Methyl Acetate	4.67	43	72640	24.056	ug/L	100
16) Methylene chloride	4.91	84	157764	21.319	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	239326	24.283	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	159993	24.447	ug/L	99
19) 1,1-Dichloroethane	6.21	63	276303	25.146	ug/L	97
21) 2-Butanone	7.17	43	104427	44.096	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	171575	24.512	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101519\
 Data File : VW013575.D
 Acq On : 15 Oct 2019 10:18
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02515

Quant Time: Oct 15 13:46:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 02:01:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	76854	24.521	ug/L	98
25) Chloroform	7.67	83	274397	25.314	ug/L	100
27) 1,2-Dichloroethane	8.40	62	171719	25.047	ug/L	99
30) Cyclohexane	7.95	56	274703	24.324	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	218614	25.271	ug/L	99
32) Carbon tetrachloride	8.07	117	208221	25.093	ug/L	98
34) Benzene	8.32	78	648046	24.975	ug/L	100
35) Trichloroethene	9.09	95	168425	24.884	ug/L	99
36) Methylcyclohexane	9.34	83	300008	24.374	ug/L	99
40) 1,2-Dichloropropane	9.37	63	155529	24.881	ug/L	99
41) Bromodichloromethane	9.65	83	197201	25.685	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	252351	25.164	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	202712	46.478	ug/L	99
44) Toluene	10.38	91	701521	24.947	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	201053	25.390	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	118388	24.950	ug/L	98
47) Tetrachloroethene	10.86	164	152615	24.740	ug/L	98
49) 2-Hexanone	10.97	43	152144	47.998	ug/L	99
50) Dibromochloromethane	11.13	129	142551	25.516	ug/L	98
51) 1,2-Dibromoethane	11.23	107	115673	24.816	ug/L	99
52) Chlorobenzene	11.66	112	444728	24.918	ug/L	99
53) Ethylbenzene	11.73	91	780624	25.078	ug/L	97
54) m,p-Xylene	11.84	106	300813	24.773	ug/L	99
55) o-xylene	12.16	106	285618	25.198	ug/L	95
56) Styrene	12.18	104	492259	25.500	ug/L	98
57) Isopropylbenzene	12.46	105	778037	25.303	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	138584	24.720	ug/L #	99
59) 1,2,3-Trichloropropane	12.77	75	102265	24.429	ug/L	97
62) Bromoform	12.35	173	88565	24.804	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	362249	24.352	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	352489	23.805	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	321797	24.059	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	21325	23.095	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	268821	23.943	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	221220	23.772	ug/L	98
69) Naphthalene	15.36	128	399818	23.588	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	196055	23.659	ug/L	99

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

