

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013757.D
 Acq On : 25 Oct 2019 19:09
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02529

Quant Time: Oct 26 03:42:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 03:37:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	295860	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275148	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	158474	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94447	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.08%
7) Chloroethane-d5	2.89	69	83410	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.48%
10) 1,1-Dichloroethene-d2	4.03	63	208787	26.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.16%
20) 2-Butanone-d5	7.07	46	62403	48.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.14%
24) Chloroform-d	7.65	84	211328	25.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.12%
26) 1,2-Dichloroethane-d4	8.31	65	102785	23.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.96%
29) Benzene-d6	8.27	84	425446	25.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.96%
33) 1,2-Dichloropropane-d6	9.27	67	129091	26.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.60%
37) Toluene-d8	10.32	98	388535	25.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.92%
38) trans-1,3-Dichloropropene-	10.58	79	52618	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.52%
39) 2-Hexanone-d5	10.93	63	49959	52.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100342	24.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	137515	24.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	75783	22.773	ug/L	96
3) Chloromethane	2.21	50	81979	22.758	ug/L	97
5) Vinyl chloride	2.37	62	129976	28.872	ug/L	98
6) Bromomethane	2.78	94	79830	24.542	ug/L	100
8) Chloroethane	2.93	64	76043	24.996	ug/L	98
9) Trichlorofluoromethane	3.26	101	82993	27.353	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	125015	26.166	ug/L	95
12) 1,1-Dichloroethene	4.04	96	129626	27.568	ug/L	99
13) Acetone	4.13	43	53079	36.836	ug/L	94
14) Carbon disulfide	4.39	76	363784	27.039	ug/L	99
15) Methyl Acetate	4.67	43	51844	22.019	ug/L	99
16) Methylene chloride	4.92	84	126614	22.349	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	153471	23.589	ug/L #	75
18) trans-1,2-Dichloroethene	5.42	96	132344	25.461	ug/L	90
19) 1,1-Dichloroethane	6.21	63	224398	25.505	ug/L	96
21) 2-Butanone	7.17	43	72496	39.625	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	138803	24.878	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	59859	23.737	ug/L	98
25) Chloroform	7.67	83	222576	25.184	ug/L	99
27) 1,2-Dichloroethane	8.40	62	134450	23.736	ug/L	97
30) Cyclohexane	7.96	56	226964	28.156	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	183976	28.668	ug/L	99
32) Carbon tetrachloride	8.07	117	180152	28.828	ug/L	99
34) Benzene	8.32	78	527339	26.711	ug/L	100
35) Trichloroethene	9.09	95	139443	27.530	ug/L	98
36) Methylcyclohexane	9.34	83	251556	28.176	ug/L	98
40) 1,2-Dichloropropane	9.37	63	124569	25.806	ug/L	100
41) Bromodichloromethane	9.64	83	153441	25.943	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	189190	24.824	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	149689	45.451	ug/L	99
44) Toluene	10.38	91	569319	26.841	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	150374	24.444	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	89508	24.043	ug/L	98
47) Tetrachloroethene	10.86	164	126569	27.298	ug/L	97
49) 2-Hexanone	10.97	43	105684	45.232	ug/L	98
50) Dibromochloromethane	11.13	129	107445	24.455	ug/L	92
51) 1,2-Dibromoethane	11.23	107	85881	23.722	ug/L	98
52) Chlorobenzene	11.66	112	351968	25.935	ug/L	98
53) Ethylbenzene	11.73	91	618529	26.393	ug/L	98
54) m,p-Xylene	11.84	106	239061	26.397	ug/L	98
55) o-xylene	12.16	106	223651	26.023	ug/L	99
56) Styrene	12.18	104	386723	26.304	ug/L	97
57) Isopropylbenzene	12.46	105	620270	26.907	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	104077	23.852	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	76407	23.482	ug/L	99
62) Bromoform	12.35	173	64805	23.861	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	273294	25.415	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	268740	24.870	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	241865	24.825	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	15786	23.573	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	199990	25.017	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	156774	23.100	ug/L	99
69) Naphthalene	15.36	128	271868	22.107	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	140322	23.088	ug/L	98

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

