

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111919\
 Data File : VW014075.D
 Acq On : 19 Nov 2019 09:29
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02513

Quant Time: Nov 20 05:58:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 17:38:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	324235	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	310297	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	181313	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132420	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.40%
7) Chloroethane-d5	2.89	69	109739	26.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.68%
10) 1,1-Dichloroethene-d2	4.02	63	268541	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.16%
20) 2-Butanone-d5	7.07	46	69803	46.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.90%
24) Chloroform-d	7.65	84	264816	26.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.24%
26) 1,2-Dichloroethane-d4	8.30	65	132852	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.04%
29) Benzene-d6	8.27	84	552367	25.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.36%
33) 1,2-Dichloropropane-d6	9.27	67	162943	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
37) Toluene-d8	10.32	98	517807	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.20%
38) trans-1,3-Dichloropropene-	10.57	79	69975	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.32%
39) 2-Hexanone-d5	10.92	63	57661	47.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121286	24.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	180541	24.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	91953	23.847	ug/L	98
3) Chloromethane	2.21	50	76311	22.280	ug/L	98
5) Vinyl chloride	2.37	62	141705	26.498	ug/L	94
6) Bromomethane	2.78	94	86853	26.232	ug/L	100
8) Chloroethane	2.92	64	83630	26.290	ug/L	93
9) Trichlorofluoromethane	3.26	101	93649	25.681	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	142255	26.419	ug/L	99
12) 1,1-Dichloroethene	4.04	96	140603	25.688	ug/L	92
13) Acetone	4.12	43	55295	36.158	ug/L	99
14) Carbon disulfide	4.38	76	401656	25.783	ug/L	100
15) Methyl Acetate	4.67	43	55723	22.521	ug/L	98
16) Methylene chloride	4.92	84	138182	22.137	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	170566	24.155	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	145930	25.567	ug/L	95
19) 1,1-Dichloroethane	6.21	63	254488	26.470	ug/L	98
21) 2-Butanone	7.17	43	76731	39.055	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	155009	25.808	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	68347	25.923	ug/L	98
25) Chloroform	7.67	83	258370	27.366	ug/L	98
27) 1,2-Dichloroethane	8.40	62	154397	27.011	ug/L	100
30) Cyclohexane	7.95	56	246663	24.840	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	202783	26.077	ug/L	98
32) Carbon tetrachloride	8.07	117	196247	26.289	ug/L	100
34) Benzene	8.32	78	591230	25.977	ug/L	100
35) Trichloroethene	9.09	95	151542	24.960	ug/L	98
36) Methylcyclohexane	9.33	83	275381	25.297	ug/L	99
40) 1,2-Dichloropropane	9.37	63	138129	25.211	ug/L	100
41) Bromodichloromethane	9.64	83	178604	26.964	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	220153	25.462	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	157810	43.624	ug/L	100
44) Toluene	10.38	91	636665	25.656	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	176672	25.839	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	101649	25.249	ug/L	98
47) Tetrachloroethene	10.86	164	139225	25.727	ug/L	97
49) 2-Hexanone	10.96	43	108218	41.493	ug/L	99
50) Dibromochloromethane	11.13	129	122857	25.964	ug/L	95
51) 1,2-Dibromoethane	11.23	107	95256	24.387	ug/L	97
52) Chlorobenzene	11.65	112	397725	25.566	ug/L	95
53) Ethylbenzene	11.73	91	705585	25.911	ug/L	100
54) m,p-Xylene	11.83	106	272230	25.725	ug/L	99
55) o-xylene	12.16	106	255317	25.764	ug/L	98
56) Styrene	12.18	104	438348	26.185	ug/L	99
57) Isopropylbenzene	12.46	105	713683	26.193	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	115577	24.590	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	82949	23.466	ug/L	100
62) Bromoform	12.35	173	73249	24.652	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	319404	25.089	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	318923	25.355	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	287187	25.474	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	16210	21.113	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	247820	25.542	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	189052	24.781	ug/L	99
69) Naphthalene	15.36	128	305402	22.533	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	168405	25.013	ug/L	100

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

