

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111819\
 Data File : VW014053.D
 Acq On : 18 Nov 2019 09:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Nov 19 07:21:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 18 10:37:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	334274	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	313493	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	184701	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	139432	26.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.56%
7) Chloroethane-d5	2.89	69	115221	26.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.60%
10) 1,1-Dichloroethene-d2	4.03	63	277588	25.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.44%
20) 2-Butanone-d5	7.07	46	77260	49.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.72%
24) Chloroform-d	7.64	84	269066	26.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.72%
26) 1,2-Dichloroethane-d4	8.30	65	133992	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.72%
29) Benzene-d6	8.27	84	567867	25.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.12%
33) 1,2-Dichloropropane-d6	9.27	67	167278	25.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.68%
37) Toluene-d8	10.32	98	531440	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.76%
38) trans-1,3-Dichloropropene-	10.57	79	70576	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.16%
39) 2-Hexanone-d5	10.92	63	63547	51.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125072	25.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	180088	24.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	95432	24.006	ug/L 94
3) Chloromethane	2.21	50	81685	23.133	ug/L 99
5) Vinyl chloride	2.36	62	145749	26.435	ug/L 92
6) Bromomethane	2.78	94	87247	25.559	ug/L 99
8) Chloroethane	2.92	64	86713	26.440	ug/L 99
9) Trichlorofluoromethane	3.26	101	102315	27.215	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	143573	25.863	ug/L # 87
12) 1,1-Dichloroethene	4.04	96	144130	25.542	ug/L 95
13) Acetone	4.12	43	64548	40.941	ug/L 96
14) Carbon disulfide	4.38	76	411270	25.607	ug/L 99
15) Methyl Acetate	4.67	43	60198	23.599	ug/L # 77
16) Methylene chloride	4.92	84	141672	22.015	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	171711	23.587	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	147662	25.093	ug/L 97
19) 1,1-Dichloroethane	6.21	63	256169	25.845	ug/L 98
21) 2-Butanone	7.17	43	86158	42.536	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	155365	25.090	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	66963	24.635	ug/L	89
25) Chloroform	7.67	83	256368	26.338	ug/L	99
27) 1,2-Dichloroethane	8.40	62	154993	26.301	ug/L	99
30) Cyclohexane	7.95	56	254181	25.336	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	202943	25.831	ug/L	99
32) Carbon tetrachloride	8.06	117	196829	26.099	ug/L	100
34) Benzene	8.32	78	589607	25.641	ug/L	100
35) Trichloroethene	9.09	95	152427	24.850	ug/L	100
36) Methylcyclohexane	9.33	83	275522	25.052	ug/L	99
40) 1,2-Dichloropropane	9.37	63	143291	25.886	ug/L	100
41) Bromodichloromethane	9.64	83	176684	26.402	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	219309	25.106	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	169377	46.344	ug/L	99
44) Toluene	10.38	91	632031	25.210	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	175810	25.451	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	100144	24.622	ug/L	96
47) Tetrachloroethene	10.86	164	137629	25.173	ug/L	98
49) 2-Hexanone	10.96	43	118160	44.844	ug/L	99
50) Dibromochloromethane	11.13	129	123346	25.801	ug/L	100
51) 1,2-Dibromoethane	11.23	107	96508	24.456	ug/L	99
52) Chlorobenzene	11.65	112	394339	25.090	ug/L	95
53) Ethylbenzene	11.73	91	702933	25.551	ug/L	99
54) m,p-Xylene	11.83	106	268784	25.140	ug/L	100
55) o-xylene	12.16	106	252961	25.266	ug/L	100
56) Styrene	12.18	104	438004	25.898	ug/L	99
57) Isopropylbenzene	12.46	105	692484	25.156	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	117044	24.649	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	86221	24.143	ug/L	100
62) Bromoform	12.35	173	74099	24.480	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	313825	24.198	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	309757	24.174	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	274802	23.929	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	17134	21.907	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	236389	23.917	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	180285	23.198	ug/L	99
69) Naphthalene	15.36	128	299817	21.716	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	158615	23.127	ug/L	100

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

