

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111119\
 Data File : VW013956.D
 Acq On : 11 Nov 2019 11:19
 Operator : SY/VA
 Sample : VSTD00501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00501

Quant Time: Nov 11 12:19:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 11 12:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	311171	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297685	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170873	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	22306	4.61	ug/L	0.00
7) Chloroethane-d5	2.89	69	18417	4.76	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	49663	5.04	ug/L	0.00
20) 2-Butanone-d5	7.08	46	18145	10.41	ug/L	0.00
24) Chloroform-d	7.65	84	48211	4.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	25480	4.83	ug/L	0.00
29) Benzene-d6	8.27	84	103504	5.19	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	31427	5.21	ug/L	0.00
37) Toluene-d8	10.32	98	99032	5.23	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	13345	4.84	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	13730	10.01	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26758	5.01	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	35389	5.23	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	20403	6.100	ug/L 84
3) Chloromethane	2.21	50	16668	4.345	ug/L 96
5) Vinyl chloride	2.36	62	26401	4.819	ug/L 98
6) Bromomethane	2.78	94	17126	4.970	ug/L 92
8) Chloroethane	2.92	64	15594	5.014	ug/L 96
9) Trichlorofluoromethane	3.26	101	17399	6.234	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	25657	4.790	ug/L 98
12) 1,1-Dichloroethene	4.04	96	26345	4.906	ug/L 96
13) Acetone	4.12	43	22465	13.239	ug/L 97
14) Carbon disulfide	4.39	76	72268	4.708	ug/L 100
15) Methyl Acetate	4.67	43	14786	5.032	ug/L 98
16) Methylene chloride	4.92	84	32720	5.624	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	38274	5.634	ug/L # 64
18) trans-1,2-Dichloroethene	5.42	96	27824	4.971	ug/L 99
19) 1,1-Dichloroethane	6.21	63	47968	5.048	ug/L 97
21) 2-Butanone	7.17	43	26443	11.353	ug/L 95
22) cis-1,2-Dichloroethene	7.16	96	29705	5.047	ug/L 98
23) Bromochloromethane	7.51	128	13545	4.894	ug/L 92
25) Chloroform	7.67	83	47478	4.970	ug/L 96
27) 1,2-Dichloroethane	8.40	62	30042	4.754	ug/L 96
30) Cyclohexane	7.96	56	47419	5.279	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	38071	5.223	ug/L 98
32) Carbon tetrachloride	8.07	117	35536	4.985	ug/L 98
34) Benzene	8.32	78	112850	5.222	ug/L 100
35) Trichloroethene	9.09	95	30013	5.268	ug/L 96
36) Methylcyclohexane	9.33	83	51866	5.187	ug/L 97
40) 1,2-Dichloropropane	9.37	63	27187	5.125	ug/L 100
41) Bromodichloromethane	9.64	83	32351	4.851	ug/L 97
42) cis-1,3-Dichloropropene	10.07	75	42621	5.098	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	43296	10.613	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	120429	5.186	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	34380	4.977	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	21051	4.970	ug/L	97
47) Tetrachloroethene	10.86	164	26397	5.033	ug/L	95
49) 2-Hexanone	10.97	43	32648	10.894	ug/L	99
50) Dibromochloromethane	11.13	129	24007	4.882	ug/L	92
51) 1,2-Dibromoethane	11.24	107	20658	4.933	ug/L	97
52) Chlorobenzene	11.66	112	77844	5.198	ug/L	96
53) Ethylbenzene	11.73	91	130962	5.066	ug/L	99
54) m,p-Xylene	11.83	106	50433	5.062	ug/L	92
55) o-xylene	12.16	106	47743	5.070	ug/L	95
56) Styrene	12.18	104	82770	5.093	ug/L	99
57) Isopropylbenzene	12.46	105	133788	5.269	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	26324	4.935	ug/L #	86
59) 1,2,3-Trichloropropane	12.77	75	20421	5.099	ug/L	95
62) Bromoform	12.35	173	15096	4.859	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	63138	5.336	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	62031	5.229	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	58096	5.430	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	4794	5.593	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	46284	5.193	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	36329	5.035	ug/L	98
69) Naphthalene	15.36	128	68049	4.971	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	33784	5.081	ug/L	98

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

