

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110119\
 Data File : VW013894.D
 Acq On : 01 Nov 2019 12:21
 Operator : SY/VA
 Sample : VSTD10003
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

Quant Time: Nov 01 11:45:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 12:21:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	328438	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322349	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194912	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	457918	91.57	ug/L	0.00
7) Chloroethane-d5	2.89	69	385717	98.60	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	961761	96.13	ug/L	0.00
20) 2-Butanone-d5	7.07	46	340912	194.00	ug/L	0.00
24) Chloroform-d	7.65	84	977207	97.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	515026	94.22	ug/L	0.00
29) Benzene-d6	8.27	84	2047434	98.03	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	618968	98.88	ug/L	0.00
37) Toluene-d8	10.32	98	1983557	99.32	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	291579	101.83	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	293580	203.76	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	533828	93.83	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	720437	95.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	348912	96.081 ug/L	98
3) Chloromethane	2.21	50	409336	104.854 ug/L	98
5) Vinyl chloride	2.37	62	512138	92.526 ug/L	98
6) Bromomethane	2.78	94	329857	94.589 ug/L	99
8) Chloroethane	2.92	64	308586	98.722 ug/L	98
9) Trichlorofluoromethane	3.26	101	277078	114.804 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	513550	94.707 ug/L	98
12) 1,1-Dichloroethene	4.04	96	526665	96.853 ug/L	89
13) Acetone	4.12	43	247710	150.620 ug/L	97
14) Carbon disulfide	4.39	76	1542185	97.578 ug/L	100
15) Methyl Acetate	4.67	43	276723	91.383 ug/L	99
16) Methylene chloride	4.92	84	523115	81.471 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	664042	98.069 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	552825	97.059 ug/L	97
19) 1,1-Dichloroethane	6.21	63	938315	96.308 ug/L	98
21) 2-Butanone	7.17	43	389260	164.950 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	594645	97.532 ug/L	94
23) Bromochloromethane	7.51	128	275094	96.653 ug/L	96
25) Chloroform	7.67	83	928738	94.950 ug/L	98
27) 1,2-Dichloroethane	8.40	62	612307	95.179 ug/L	98
30) Cyclohexane	7.95	56	935186	101.073 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	720328	97.503 ug/L	99
32) Carbon tetrachloride	8.07	117	727235	98.891 ug/L	98
34) Benzene	8.32	78	2163173	96.771 ug/L	100
35) Trichloroethene	9.09	95	572138	96.980 ug/L	99
36) Methylcyclohexane	9.34	83	1023915	100.259 ug/L	99
40) 1,2-Dichloropropane	9.37	63	534743	96.835 ug/L	100
41) Bromodichloromethane	9.64	83	698546	100.723 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	906281	104.538 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	803006	188.456 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	2385609	98.838	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	738864	104.498	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	425901	95.656	ug/L	99
47) Tetrachloroethene	10.86	164	523790	98.861	ug/L	97
49) 2-Hexanone	10.97	43	579256	189.975	ug/L	99
50) Dibromochloromethane	11.13	129	526449	101.706	ug/L	97
51) 1,2-Dibromoethane	11.23	107	428066	98.228	ug/L	99
52) Chlorobenzene	11.66	112	1524171	97.378	ug/L	99
53) Ethylbenzene	11.73	91	2650751	99.491	ug/L	98
54) m,p-Xylene	11.84	106	1033212	99.124	ug/L	98
55) o-xylene	12.16	106	988603	100.768	ug/L	100
56) Styrene	12.18	104	1708921	101.519	ug/L	99
57) Isopropylbenzene	12.46	105	2621829	99.855	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	523833	93.715	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	384010	90.166	ug/L	100
62) Bromoform	12.35	173	341448	100.683	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	1262897	99.273	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	1246300	96.581	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	1135036	96.527	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	87561	94.216	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	974160	99.537	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	825860	105.207	ug/L	98
69) Naphthalene	15.36	128	1642593	108.770	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	747750	103.028	ug/L	99

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

