

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 Data File : VW011417.D
 Acq On : 22 Jul 2019 13:10
 Operator : SY/VA
 Sample : VSTD02506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Quant Time: Jul 22 13:40:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 22 12:45:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	430836	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379707	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181650	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	133436	20.28	ug/L	0.00
7) Chloroethane-d5	2.89	69	97696	21.17	ug/L	0.01
10) 1,1-Dichloroethene-d2	4.03	63	312106	22.40	ug/L	0.01
20) 2-Butanone-d5	7.07	46	118299	45.65	ug/L	0.00
24) Chloroform-d	7.65	84	261833	22.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	154512	21.25	ug/L	0.00
29) Benzene-d6	8.27	84	538949	23.04	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	174325	22.89	ug/L	0.00
37) Toluene-d8	10.32	98	487166	23.37	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	76768	23.70	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	80439	46.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141251	22.42	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	162907	23.36	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	147348	27.807	ug/L 100
3) Chloromethane	2.21	50	154650	26.882	ug/L 99
5) Vinyl chloride	2.36	62	195594	26.049	ug/L 99
6) Bromomethane	2.78	94	92038	26.200	ug/L 99
8) Chloroethane	2.92	64	101854	26.838	ug/L 98
9) Trichlorofluoromethane	3.26	101	93224	36.262	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	148556	25.933	ug/L 97
12) 1,1-Dichloroethene	4.04	96	146981	25.960	ug/L # 73
13) Acetone	4.12	43	136769	54.033	ug/L 98
14) Carbon disulfide	4.39	76	474742	29.312	ug/L 100
15) Methyl Acetate	4.67	43	104069	25.267	ug/L 100
16) Methylene chloride	4.92	84	153297	24.213	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	229876	26.181	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	150438	26.294	ug/L 98
19) 1,1-Dichloroethane	6.21	63	299098	25.751	ug/L 98
21) 2-Butanone	7.17	43	175665	53.760	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	157838	25.487	ug/L 99
23) Bromochloromethane	7.51	128	66441	25.568	ug/L 97
25) Chloroform	7.67	83	272029	24.726	ug/L 99
27) 1,2-Dichloroethane	8.40	62	201547	23.965	ug/L 98
30) Cyclohexane	7.95	56	319597	27.684	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	216387	27.458	ug/L 98
32) Carbon tetrachloride	8.07	117	201945	27.324	ug/L 99
34) Benzene	8.32	78	634777	26.749	ug/L 100
35) Trichloroethene	9.09	95	157479	26.297	ug/L 99
36) Methylcyclohexane	9.34	83	294609	27.337	ug/L 99
40) 1,2-Dichloropropane	9.37	63	169258	26.029	ug/L 99
41) Bromodichloromethane	9.65	83	198159	26.431	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	259258	27.021	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	298004	49.436	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	650318	26.475	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	211388	26.626	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	112936	25.079	ug/L	98
47) Tetrachloroethene	10.86	164	121242	26.788	ug/L	99
49) 2-Hexanone	10.97	43	232935	53.086	ug/L	97
50) Dibromochloromethane	11.13	129	126098	26.296	ug/L	99
51) 1,2-Dibromoethane	11.24	107	110564	25.427	ug/L	96
52) Chlorobenzene	11.66	112	384471	25.620	ug/L	99
53) Ethylbenzene	11.73	91	726138	26.062	ug/L	99
54) m,p-Xylene	11.84	106	266889	26.383	ug/L	99
55) o-xylene	12.16	106	252224	26.210	ug/L	99
56) Styrene	12.18	104	429410	26.013	ug/L	99
57) Isopropylbenzene	12.46	105	691053	26.307	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	148189	24.736	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	114391	24.864	ug/L	99
62) Bromoform	12.35	173	75022	27.712	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	295648	26.454	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	296075	25.879	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	268316	25.793	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	26465	25.912	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	226371	26.734	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	187458	26.426	ug/L	99
69) Naphthalene	15.37	128	399030	26.859	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	170394	26.253	ug/L	99

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

