

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073019\
 Data File : VW011568.D
 Acq On : 30 Jul 2019 10:22
 Operator : SY/VA
 Sample : VSTD02501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02501

Quant Time: Jul 30 11:14:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 09:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	331549	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	291892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140265	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114749	25.93	ug/L	0.00
7) Chloroethane-d5	2.89	69	84236	26.12	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	270589	26.98	ug/L	0.00
20) 2-Butanone-d5	7.07	46	110417	58.58	ug/L	0.00
24) Chloroform-d	7.65	84	225791	26.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	134687	26.68	ug/L	0.00
29) Benzene-d6	8.27	84	456232	26.14	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	146930	25.97	ug/L	0.00
37) Toluene-d8	10.32	98	410453	26.23	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	65376	26.76	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	75466	61.54	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128640	28.46	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	132185	25.10	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	94229	23.298	ug/L 97
3) Chloromethane	2.21	50	113628	23.156	ug/L 98
5) Vinyl chloride	2.36	62	156954	27.158	ug/L 99
6) Bromomethane	2.78	94	73837	26.464	ug/L 98
8) Chloroethane	2.92	64	81705	26.549	ug/L 98
9) Trichlorofluoromethane	3.26	101	79512	28.927	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	121031	27.436	ug/L 97
12) 1,1-Dichloroethene	4.04	96	122722	27.868	ug/L 99
13) Acetone	4.12	43	122644	61.505	ug/L 96
14) Carbon disulfide	4.39	76	401956	28.152	ug/L 99
15) Methyl Acetate	4.67	43	100668	32.878	ug/L 99
16) Methylene chloride	4.92	84	127336	26.384	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	208163	29.899	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	126687	27.897	ug/L 97
19) 1,1-Dichloroethane	6.21	63	250970	27.823	ug/L 98
21) 2-Butanone	7.17	43	161126	62.876	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	131451	27.325	ug/L 97
23) Bromochloromethane	7.51	128	56939	28.319	ug/L 99
25) Chloroform	7.67	83	232073	27.929	ug/L 100
27) 1,2-Dichloroethane	8.40	62	172812	28.534	ug/L 100
30) Cyclohexane	7.96	56	269017	28.294	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	184415	28.382	ug/L 98
32) Carbon tetrachloride	8.07	117	175092	28.997	ug/L 100
34) Benzene	8.32	78	529261	27.932	ug/L 100
35) Trichloroethene	9.09	95	133911	27.806	ug/L 99
36) Methylcyclohexane	9.34	83	250968	28.659	ug/L 99
40) 1,2-Dichloropropane	9.37	63	141606	27.817	ug/L 100
41) Bromodichloromethane	9.65	83	167003	28.058	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	214297	28.020	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	276883	63.534	ug/L 100

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44) Toluene	10.39	91	547582	28.175	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	178964	28.473	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	96983	28.461	ug/L	99
47) Tetrachloroethene	10.87	164	103713	28.070	ug/L	94
49) 2-Hexanone	10.97	43	216004	65.663	ug/L	98
50) Dibromochloromethane	11.13	129	108465	28.756	ug/L	98
51) 1,2-Dibromoethane	11.24	107	95916	29.106	ug/L	99
52) Chlorobenzene	11.66	112	322653	27.529	ug/L	98
53) Ethylbenzene	11.73	91	608219	27.807	ug/L	99
54) m,p-Xylene	11.84	106	221511	27.652	ug/L	95
55) o-xylene	12.16	106	209493	27.747	ug/L	98
56) Styrene	12.18	104	357351	28.135	ug/L	99
57) Isopropylbenzene	12.46	105	579651	28.186	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	134594	30.407	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	104085	30.777	ug/L	98
62) Bromoform	12.35	173	65877	29.673	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	245815	27.675	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	245416	27.203	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	224379	27.455	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	24093	30.928	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	183985	27.154	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	150364	26.777	ug/L	99
69) Naphthalene	15.37	128	321888	28.160	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	140290	27.577	ug/L	99

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

