

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070219\
 Data File : VW011102.D
 Acq On : 02 Jul 2019 10:21
 Operator : SY/VA
 Sample : VSTD02505
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

Quant Time: Jul 02 10:47:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 02 09:45:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	347499	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	313898	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	154613	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	149611	33.21	ug/L	0.00
7) Chloroethane-d5	2.89	69	104156	30.00	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	305037	28.65	ug/L	0.00
20) 2-Butanone-d5	7.07	46	112819	53.34	ug/L	0.00
24) Chloroform-d	7.65	84	257407	27.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	161203	27.75	ug/L	0.00
29) Benzene-d6	8.27	84	531385	28.20	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	172034	27.63	ug/L	0.00
37) Toluene-d8	10.32	98	479481	28.20	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	74484	27.03	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	81738	58.41	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	143928	28.04	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	160600	27.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	105101	21.517 ug/L	97
3) Chloromethane	2.21	50	108384	20.870 ug/L	100
5) Vinyl chloride	2.36	62	147885	23.816 ug/L	98
6) Bromomethane	2.78	94	69498	22.675 ug/L	99
8) Chloroethane	2.92	64	77437	23.547 ug/L	100
9) Trichlorofluoromethane	3.24	101	48569	23.161 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	114456	23.486 ug/L	99
12) 1,1-Dichloroethene	4.04	96	114367	23.512 ug/L #	81
13) Acetone	4.12	43	84770	41.849 ug/L	98
14) Carbon disulfide	4.38	76	319006	22.151 ug/L	100
15) Methyl Acetate	4.67	43	81587	23.268 ug/L	100
16) Methylene chloride	4.92	84	122271	23.758 ug/L	95
17) Methyl tert-butyl Ether	5.42	73	178541	23.443 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	111180	22.731 ug/L	99
19) 1,1-Dichloroethane	6.21	63	230675	23.091 ug/L	98
21) 2-Butanone	7.16	43	121753	45.704 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	122621	23.300 ug/L	97
23) Bromochloromethane	7.51	128	51475	22.997 ug/L	96
25) Chloroform	7.67	83	217372	23.715 ug/L	100
27) 1,2-Dichloroethane	8.40	62	167528	23.325 ug/L	100
30) Cyclohexane	7.95	56	236118	22.747 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	162089	23.743 ug/L	100
32) Carbon tetrachloride	8.07	117	150144	23.284 ug/L	98
34) Benzene	8.32	78	488457	23.680 ug/L	100
35) Trichloroethene	9.09	95	119688	22.881 ug/L	99
36) Methylcyclohexane	9.34	83	220527	22.968 ug/L	100
40) 1,2-Dichloropropane	9.37	63	133213	23.464 ug/L	99
41) Bromodichloromethane	9.64	83	156345	23.466 ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	202354	23.169 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	246151	46.720 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	504522	23.391	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	167657	23.223	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	91496	23.515	ug/L	98
47) Tetrachloroethene	10.86	164	91679	23.110	ug/L	97
49) 2-Hexanone	10.97	43	183489	48.953	ug/L	100
50) Dibromochloromethane	11.13	129	100152	23.377	ug/L	99
51) 1,2-Dibromoethane	11.24	107	88564	23.537	ug/L	98
52) Chlorobenzene	11.66	112	305133	23.509	ug/L	99
53) Ethylbenzene	11.73	91	569279	23.427	ug/L	99
54) m,p-Xylene	11.84	106	210178	23.835	ug/L	96
55) o-xylene	12.16	106	200379	23.681	ug/L	99
56) Styrene	12.18	104	345906	23.706	ug/L	98
57) Isopropylbenzene	12.46	105	546335	23.799	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	123867	24.347	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	94049	23.809	ug/L	100
62) Bromoform	12.35	173	56600	22.871	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	232243	23.072	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	240123	23.748	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	218948	23.518	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	21189	22.243	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	178661	23.319	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	152918	23.550	ug/L	99
69) Naphthalene	15.37	128	330122	23.825	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	141937	24.064	ug/L	100

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

