

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022019\
 Data File : VW008755.D
 Acq On : 20 Feb 2019 12:31
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05004

Quant Time: Feb 20 12:57:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 20 11:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	471684	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	462438	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	249888	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	311903	67.10	ug/L	-0.01
7) Chloroethane-d5	2.88	69	291234	92.99	ug/L	-0.01
10) 1,1-Dichloroethene-d2	4.02	63	529974	42.11	ug/L	0.00
20) 2-Butanone-d5	7.09	46	169165	85.33	ug/L	0.00
24) Chloroform-d	7.65	84	500319	39.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	282157	37.50	ug/L	0.00
29) Benzene-d6	8.27	84	1017557	39.23	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	291736	41.35	ug/L	0.00
37) Toluene-d8	10.32	98	1028713	40.71	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	147087	36.32	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	148659	82.38	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	273198	40.24	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	401936	39.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	412986	79.443 ug/L	94
3) Chloromethane	2.21	50	450505	109.963 ug/L	98
5) Vinyl chloride	2.35	62	450144	88.328 ug/L	98
6) Bromomethane	2.77	94	334912	110.770 ug/L	99
8) Chloroethane	2.92	64	300096	118.516 ug/L	96
9) Trichlorofluoromethane	3.26	101	525793	119.476 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	304776	51.185 ug/L	99
12) 1,1-Dichloroethene	4.04	96	270281	49.570 ug/L	93
13) Acetone	4.14	43	159119	82.152 ug/L	99
14) Carbon disulfide	4.38	76	995533	57.645 ug/L	99
15) Methyl Acetate	4.68	43	155691	52.824 ug/L	96
16) Methylene chloride	4.92	84	311080	40.758 ug/L	86
17) Methyl tert-butyl Ether	5.43	73	729739	75.298 ug/L	98
18) trans-1,2-Dichloroethene	5.43	96	300331	50.779 ug/L	94
19) 1,1-Dichloroethane	6.22	63	506403	51.465 ug/L	97
21) 2-Butanone	7.17	43	232354	105.428 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	317571	50.108 ug/L	94
23) Bromochloromethane	7.51	128	143436	50.267 ug/L #	89
25) Chloroform	7.68	83	528272	47.670 ug/L	100
27) 1,2-Dichloroethane	8.40	62	370341	45.564 ug/L #	93
30) Cyclohexane	7.95	56	523210	51.428 ug/L	95
31) 1,1,1-Trichloroethane	7.87	97	492124	44.387 ug/L	97
32) Carbon tetrachloride	8.07	117	451843	42.449 ug/L	98
34) Benzene	8.32	78	1199482	48.473 ug/L	100
35) Trichloroethene	9.09	95	319270	44.408 ug/L	97
36) Methylcyclohexane	9.34	83	570918	46.308 ug/L	96
40) 1,2-Dichloropropane	9.37	63	291048	50.035 ug/L	100
41) Bromodichloromethane	9.65	83	389918	45.579 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	478521	47.127 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	467016	101.439 ug/L	96

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44) Toluene	10.39	91	1370293	49.494	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	424343	45.354	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	227166	46.161	ug/L	97
47) Tetrachloroethene	10.86	164	296904	51.977	ug/L	94
49) 2-Hexanone	10.97	43	389773	117.346	ug/L #	91
50) Dibromochloromethane	11.13	129	293001	46.733	ug/L	97
51) 1,2-Dibromoethane	11.23	107	229509	45.694	ug/L	96
52) Chlorobenzene	11.66	112	893871	49.597	ug/L	97
53) Ethylbenzene	11.73	91	1606125	50.492	ug/L	99
54) m,p-Xylene	11.84	106	621406	51.852	ug/L	95
55) o-xylene	12.16	106	597081	52.532	ug/L	95
56) Styrene	12.18	104	1029803	53.456	ug/L	95
57) Isopropylbenzene	12.46	105	1616059	50.194	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	296035	48.516	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	219218	44.665	ug/L	100
62) Bromoform	12.35	173	180607	45.846	ug/L #	98
63) 1,3-Dichlorobenzene	13.50	146	762403	47.723	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	767522	48.312	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	698072	48.134	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	55896	39.093	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	601702	51.423	ug/L	97
68) 1,2,4-trichlorobenzene	15.14	180	517179	51.492	ug/L	96
69) Naphthalene	15.37	128	1035681	45.553	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	463369	52.114	ug/L	97

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

