

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\
 Data File : VW012929.D
 Acq On : 12 Sep 2019 11:49
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02503

Quant Time: Sep 12 12:19:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 12 11:54:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	409977	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364362	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182978	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105652	18.30	ug/L	0.00
7) Chloroethane-d5	2.89	69	87324	21.00	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	251209	18.98	ug/L	0.00
20) 2-Butanone-d5	7.07	46	73552	28.29	ug/L	0.00
24) Chloroform-d	7.65	84	253679	22.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	134094	20.12	ug/L	0.00
29) Benzene-d6	8.27	84	458346	20.00	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	148360	20.06	ug/L	0.00
37) Toluene-d8	10.32	98	433660	21.33	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	65992	20.36	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	55055	31.87	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108492	17.66	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	169021	23.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	95159	20.710 ug/L	96
3) Chloromethane	2.21	50	112907	18.892 ug/L	98
5) Vinyl chloride	2.36	62	148742	19.506 ug/L	100
6) Bromomethane	2.78	94	88018	24.484 ug/L	99
8) Chloroethane	2.92	64	88808	22.269 ug/L	100
9) Trichlorofluoromethane	3.26	101	86706	22.322 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	128976	21.901 ug/L	95
12) 1,1-Dichloroethene	4.04	96	125973	21.394 ug/L	94
13) Acetone	4.12	43	66328	23.825 ug/L	94
14) Carbon disulfide	4.38	76	388445	20.255 ug/L	98
15) Methyl Acetate	4.67	43	60134	13.211 ug/L	95
16) Methylene chloride	4.92	84	131000	20.476 ug/L	90
17) Methyl tert-butyl Ether	5.42	73	213385	21.761 ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	135121	22.211 ug/L	91
19) 1,1-Dichloroethane	6.21	63	254398	20.933 ug/L	99
21) 2-Butanone	7.17	43	86155	24.683 ug/L	92
22) cis-1,2-Dichloroethene	7.17	96	140797	22.122 ug/L	95
23) Bromochloromethane	7.51	128	59974	22.147 ug/L	84
25) Chloroform	7.67	83	251643	22.465 ug/L	100
27) 1,2-Dichloroethane	8.40	62	169689	20.463 ug/L	98
30) Cyclohexane	7.95	56	252698	19.952 ug/L	93
31) 1,1,1-Trichloroethane	7.87	97	210790	23.743 ug/L	95
32) Carbon tetrachloride	8.07	117	197085	23.597 ug/L	99
34) Benzene	8.32	78	554089	21.701 ug/L	100
35) Trichloroethene	9.09	95	144909	22.355 ug/L	96
36) Methylcyclohexane	9.34	83	256960	21.851 ug/L	96
40) 1,2-Dichloropropane	9.37	63	139047	20.401 ug/L #	97
41) Bromodichloromethane	9.64	83	176730	21.974 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	219497	21.531 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	170883	27.672 ug/L #	96

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44) Toluene	10.38	91	596404	22.991	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	177836	20.966	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	91244	19.636	ug/L	97
47) Tetrachloroethene	10.86	164	122326	24.706	ug/L	96
49) 2-Hexanone	10.97	43	128602	27.030	ug/L	93
50) Dibromochloromethane	11.13	129	113455	22.151	ug/L	100
51) 1,2-Dibromoethane	11.23	107	88447	19.561	ug/L #	95
52) Chlorobenzene	11.66	112	362632	23.170	ug/L	96
53) Ethylbenzene	11.73	91	670180	23.166	ug/L	98
54) m,p-Xylene	11.83	106	250742	23.836	ug/L	96
55) o-xylene	12.16	106	237796	24.020	ug/L	96
56) Styrene	12.18	104	405806	24.110	ug/L	97
57) Isopropylbenzene	12.46	105	657509	24.141	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	101451	16.429	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	79093	16.607	ug/L	99
62) Bromoform	12.35	173	63834	19.499	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	288176	23.204	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	285224	22.870	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	256616	22.819	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	16950	14.563	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	225691	24.691	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	183775	24.964	ug/L	96
69) Naphthalene	15.36	128	300729	20.286	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	159546	23.401	ug/L	99

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

