

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091219\
 Data File : VW012930.D
 Acq On : 12 Sep 2019 12:15
 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: Sep 12 12:41:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 12 12:18:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	433375	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	380711	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	191194	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	194302	31.84	ug/L	0.00
7) Chloroethane-d5	2.88	69	163874	37.28	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	487840	34.87	ug/L	0.00
20) 2-Butanone-d5	7.07	46	151114	54.99	ug/L	0.00
24) Chloroform-d	7.65	84	490483	41.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	257133	36.51	ug/L	0.00
29) Benzene-d6	8.27	84	883543	36.91	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	291065	37.66	ug/L	0.00
37) Toluene-d8	10.32	98	847021	39.86	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	132344	39.07	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	113624	62.94	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	217828	33.94	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	322618	43.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	197265	40.615 ug/L	100
3) Chloromethane	2.21	50	235010	37.199 ug/L	97
5) Vinyl chloride	2.36	62	310600	38.534 ug/L	98
6) Bromomethane	2.78	94	181305	47.712 ug/L	99
8) Chloroethane	2.92	64	180941	42.921 ug/L	99
9) Trichlorofluoromethane	3.26	101	196359	47.822 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	265146	42.594 ug/L	99
12) 1,1-Dichloroethene	4.04	96	261387	41.994 ug/L	89
13) Acetone	4.11	43	143993	48.930 ug/L	98
14) Carbon disulfide	4.38	76	819060	40.402 ug/L	99
15) Methyl Acetate	4.67	43	129529	26.920 ug/L	98
16) Methylene chloride	4.91	84	269418	39.837 ug/L	100
17) Methyl tert-butyl Ether	5.42	73	448098	43.230 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	283006	44.008 ug/L	97
19) 1,1-Dichloroethane	6.21	63	529726	41.234 ug/L	99
21) 2-Butanone	7.17	43	188871	51.189 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	301718	44.845 ug/L	97
23) Bromochloromethane	7.51	128	127738	44.623 ug/L	98
25) Chloroform	7.67	83	520637	43.969 ug/L	99
27) 1,2-Dichloroethane	8.40	62	356290	40.646 ug/L	100
30) Cyclohexane	7.95	56	532121	40.209 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	435216	46.916 ug/L	99
32) Carbon tetrachloride	8.07	117	415260	47.583 ug/L	99
34) Benzene	8.32	78	1151620	43.166 ug/L	100
35) Trichloroethene	9.09	95	307656	45.424 ug/L	100
36) Methylcyclohexane	9.34	83	547366	44.548 ug/L	99
40) 1,2-Dichloropropane	9.37	63	286155	40.182 ug/L	99
41) Bromodichloromethane	9.64	83	373342	44.426 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	472551	44.363 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	376337	58.325 ug/L	99

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44) Toluene	10.38	91	1253752	46.255	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	382659	43.177	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	195301	40.224	ug/L	99
47) Tetrachloroethene	10.86	164	258440	49.956	ug/L	97
49) 2-Hexanone	10.96	43	282644	56.857	ug/L	99
50) Dibromochloromethane	11.13	129	247186	46.189	ug/L	97
51) 1,2-Dibromoethane	11.23	107	188020	39.796	ug/L	95
52) Chlorobenzene	11.66	112	766977	46.901	ug/L	99
53) Ethylbenzene	11.73	91	1422927	47.074	ug/L	99
54) m,p-Xylene	11.84	106	526718	47.921	ug/L	99
55) o-xylene	12.16	106	497945	48.137	ug/L	99
56) Styrene	12.18	104	854674	48.599	ug/L	95
57) Isopropylbenzene	12.46	105	1381384	48.541	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	221488	34.327	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	166032	33.364	ug/L	99
62) Bromoform	12.35	173	141860	41.472	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	612632	47.210	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	606163	46.515	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	538877	45.860	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	37062	30.474	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	472789	49.500	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	384126	49.937	ug/L	96
69) Naphthalene	15.36	128	648674	41.876	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	332917	46.731	ug/L	99

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

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