

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022019\
 Data File : VW008754.D
 Acq On : 20 Feb 2019 12:06
 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: Feb 20 12:31:48 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	422192	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407120	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	218513	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	149012	35.82	ug/L	-0.02
7) Chloroethane-d5	2.88	69	129716	46.27	ug/L	-0.01
10) 1,1-Dichloroethene-d2	4.01	63	250057	22.20	ug/L	0.00
20) 2-Butanone-d5	7.08	46	95914	54.05	ug/L	0.00
24) Chloroform-d	7.65	84	231226	20.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	137017	20.35	ug/L	0.00
29) Benzene-d6	8.27	84	466792	20.44	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	133730	21.53	ug/L	0.00
37) Toluene-d8	10.32	98	481081	21.63	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	67338	18.89	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	80584	50.73	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140748	23.55	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	190369	21.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	206954	44.477 ug/L	93
3) Chloromethane	2.21	50	213558	58.238 ug/L	96
5) Vinyl chloride	2.35	62	222295	48.732 ug/L	93
6) Bromomethane	2.77	94	144513	53.400 ug/L	100
8) Chloroethane	2.92	64	150101	66.228 ug/L	92
9) Trichlorofluoromethane	3.26	101	258820	65.706 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	150762	28.288 ug/L	98
12) 1,1-Dichloroethene	4.04	96	132151	27.078 ug/L	92
13) Acetone	4.14	43	98412	56.766 ug/L	99
14) Carbon disulfide	4.38	76	482038	31.184 ug/L	99
15) Methyl Acetate	4.67	43	88716	33.629 ug/L	98
16) Methylene chloride	4.92	84	154935	22.679 ug/L	89
17) Methyl tert-butyl Ether	5.43	73	366721	42.276 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	144271	27.252 ug/L	92
19) 1,1-Dichloroethane	6.21	63	244886	27.805 ug/L	96
21) 2-Butanone	7.18	43	139288	70.609 ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	154467	27.230 ug/L	93
23) Bromochloromethane	7.51	128	70549	27.622 ug/L	84
25) Chloroform	7.68	83	257939	26.004 ug/L	99
27) 1,2-Dichloroethane	8.40	62	183953	25.286 ug/L	# 91
30) Cyclohexane	7.95	56	254143	28.375 ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	239956	24.584 ug/L	97
32) Carbon tetrachloride	8.07	117	223039	23.801 ug/L	100
34) Benzene	8.32	78	572742	26.290 ug/L	100
35) Trichloroethene	9.09	95	153069	24.184 ug/L	97
36) Methylcyclohexane	9.34	83	278176	25.629 ug/L	96
40) 1,2-Dichloropropane	9.37	63	138952	27.133 ug/L	99
41) Bromodichloromethane	9.65	83	186280	24.733 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	227112	25.406 ug/L	94
43) 4-Methyl-2-pentanone	10.21	43	262041	64.651 ug/L	96

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44) Toluene	10.39	91	670695	27.517	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	201599	24.475	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	114223	26.364	ug/L	98
47) Tetrachloroethene	10.86	164	142013	28.239	ug/L	95
49) 2-Hexanone	10.97	43	218782	74.817	ug/L	93
50) Dibromochloromethane	11.13	129	139968	25.358	ug/L	99
51) 1,2-Dibromoethane	11.24	107	120267	27.198	ug/L	98
52) Chlorobenzene	11.66	112	441648	27.835	ug/L	99
53) Ethylbenzene	11.73	91	781124	27.893	ug/L	99
54) m,p-Xylene	11.84	106	305009	28.909	ug/L	93
55) o-xylene	12.16	106	284927	28.475	ug/L	98
56) Styrene	12.18	104	485246	28.611	ug/L	93
57) Isopropylbenzene	12.47	105	782976	27.623	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	160132	29.809	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	118808	27.496	ug/L	100
62) Bromoform	12.35	173	89220	25.900	ug/L #	98
63) 1,3-Dichlorobenzene	13.50	146	367056	26.275	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	376522	27.103	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	341192	26.904	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	31186	24.943	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	289043	28.249	ug/L	97
68) 1,2,4-trichlorobenzene	15.14	180	246671	28.085	ug/L	96
69) Naphthalene	15.37	128	531634	26.741	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	223915	28.799	ug/L	97

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

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