

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062018\
 Data File : VW003346.D
 Acq On : 20 Jun 2018 10:54
 Operator : SY/AP
 Sample : VSTD05089
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05089

Quant Time: Jun 20 11:36:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 20 11:34:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	418469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390654	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	205424	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	284152	52.95	ug/L	0.00
7) Chloroethane-d5	2.89	69	240840	46.06	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	555617	51.75	ug/L	0.00
20) 2-Butanone-d5	7.09	46	168862	91.58	ug/L	0.00
24) Chloroform-d	7.65	84	545714	49.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	324611	49.39	ug/L	0.00
29) Benzene-d6	8.28	84	1060613	51.30	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	330597	50.54	ug/L	0.00
37) Toluene-d8	10.33	98	1038611	51.72	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	161160	51.99	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	138405	95.27	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	303094	47.79	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	380523	47.05	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	121698	69.89	ug/L	# 84
3) Chloromethane	2.21	50	230604	52.81	ug/L	98
5) Vinyl chloride	2.36	62	344607	50.86	ug/L	100
6) Bromomethane	2.78	94	202774	46.83	ug/L	98
8) Chloroethane	2.92	64	211374	46.64	ug/L	99
9) Trichlorofluoromethane	3.25	101	191641	43.68	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	265306	50.76	ug/L	99
12) 1,1-Dichloroethene	4.03	96	251372	50.74	ug/L	96
13) Acetone	4.15	43	184834	98.28	ug/L	98
14) Carbon disulfide	4.37	76	834509	51.95	ug/L	100
15) Methyl Acetate	4.68	43	144636	49.37	ug/L	99
16) Methylene chloride	4.91	84	261202	40.92	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	489579	52.02	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	268143	51.47	ug/L	97
19) 1,1-Dichloroethane	6.21	63	494138	52.10	ug/L	98
21) 2-Butanone	7.18	43	217882	102.03	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	293592	53.25	ug/L	96
23) Bromochloromethane	7.51	128	131673	50.31	ug/L	98
25) Chloroform	7.68	83	510954	51.00	ug/L	99
27) 1,2-Dichloroethane	8.40	62	376079	52.26	ug/L	100
30) Cyclohexane	7.96	56	477734	55.28	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	419562	50.97	ug/L	99
32) Carbon tetrachloride	8.07	117	410872	51.96	ug/L	99
34) Benzene	8.33	78	1117607	52.20	ug/L	100
35) Trichloroethene	9.09	95	297235	51.97	ug/L	99
36) Methylcyclohexane	9.34	83	525601	53.46	ug/L	99
40) 1,2-Dichloropropane	9.37	63	290148	52.65	ug/L	99
41) Bromodichloromethane	9.65	83	381276	53.44	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	469635	55.21	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	418722	100.19	ug/L	99

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44) Toluene	10.39	91	1240636	53.25	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	419979	54.88	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	216868	51.09	ug/L	98
47) Tetrachloroethene	10.87	164	245394	51.16	ug/L	99
49) 2-Hexanone	10.98	43	335884	111.29	ug/L	100
50) Dibromochloromethane	11.13	129	274490	53.10	ug/L	98
51) 1,2-Dibromoethane	11.24	107	219511	52.20	ug/L	98
52) Chlorobenzene	11.66	112	780551	51.30	ug/L	99
53) Ethylbenzene	11.74	91	1421658	53.82	ug/L	99
54) m,p-Xylene	11.85	106	535497	54.82	ug/L	96
55) o-xylene	12.17	106	517390	55.69	ug/L	97
56) Styrene	12.19	104	901781	55.71	ug/L	99
57) Isopropylbenzene	12.47	105	1421197	54.81	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	288834	51.39	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	215961	50.45	ug/L	100
62) Bromoform	12.35	173	174491	52.11	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	624520	51.11	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	646197	50.59	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	591791	51.23	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	49297	49.79	ug/L	88
67) 1,3,5-Trichlorobenzene	14.64	180	480355	50.20	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	399986	51.10	ug/L	100
69) Naphthalene	15.38	128	792674	53.30	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	364821	50.17	ug/L	98

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

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