

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073118\
 Data File : VW004362.D
 Acq On : 31 Jul 2018 17:03
 Operator : SY/AP
 Sample : VSTD10081
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10081

Quant Time: Jul 31 17:33:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 31 16:55:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	371086	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	329875	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	180594	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	295472	79.09	ug/L	0.00
7) Chloroethane-d5	2.89	69	234611	86.35	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	843439	94.58	ug/L	0.00
20) 2-Butanone-d5	7.09	46	411043	194.35	ug/L	0.00
24) Chloroform-d	7.65	84	872313	91.81	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	495531	86.71	ug/L	0.00
29) Benzene-d6	8.27	84	1750743	100.14	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	545750	93.85	ug/L	0.00
37) Toluene-d8	10.33	98	1647022	99.67	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	264935	100.38	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	338304	221.39	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	571196	96.19	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	648519	96.06	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	310998	125.99	ug/L	98
3) Chloromethane	2.22	50	237909	68.27	ug/L	96
5) Vinyl chloride	2.37	62	417438	89.78	ug/L	98
6) Bromomethane	2.78	94	243202	93.36	ug/L	98
8) Chloroethane	2.92	64	237142	94.91	ug/L	98
9) Trichlorofluoromethane	3.25	101	341204	151.63	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	483253	108.99	ug/L	97
12) 1,1-Dichloroethene	4.03	96	471658	109.91	ug/L	96
13) Acetone	4.13	43	292565	137.00	ug/L	99
14) Carbon disulfide	4.37	76	1463848	105.94	ug/L	99
15) Methyl Acetate	4.67	43	343318	96.65	ug/L	95
16) Methylene chloride	4.91	84	475226	91.34	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	726761	85.31	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	495444	109.61	ug/L	96
19) 1,1-Dichloroethane	6.21	63	865424	98.29	ug/L	98
21) 2-Butanone	7.18	43	461220	171.34	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	551635	109.78	ug/L	98
23) Bromochloromethane	7.51	128	249668	104.96	ug/L	85
25) Chloroform	7.68	83	890967	98.69	ug/L	100
27) 1,2-Dichloroethane	8.40	62	599418	90.27	ug/L	99
30) Cyclohexane	7.96	56	888301	121.69	ug/L	94
31) 1,1,1-Trichloroethane	7.87	97	724237	108.79	ug/L	98
32) Carbon tetrachloride	8.07	117	730844	112.87	ug/L	99
34) Benzene	8.32	78	1988901	104.87	ug/L	100
35) Trichloroethene	9.09	95	522902	104.81	ug/L	99
36) Methylcyclohexane	9.34	83	988777	118.59	ug/L	97
40) 1,2-Dichloropropane	9.37	63	502839	97.65	ug/L	100
41) Bromodichloromethane	9.65	83	650210	102.26	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	812255	108.45	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	924724	201.60	ug/L	98

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44) Toluene	10.39	91	2092869	104.42	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	724039	105.41	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	400514	100.18	ug/L	97
47) Tetrachloroethene	10.87	164	438271	109.82	ug/L	98
49) 2-Hexanone	10.98	43	680081	189.22	ug/L	99
50) Dibromochloromethane	11.13	129	492654	108.05	ug/L	99
51) 1,2-Dibromoethane	11.24	107	409696	105.11	ug/L	99
52) Chlorobenzene	11.66	112	1358205	106.32	ug/L	96
53) Ethylbenzene	11.74	91	2346681	108.50	ug/L	94
54) m,p-Xylene	11.85	106	921195	113.24	ug/L	100
55) o-xylene	12.17	106	870427	114.32	ug/L	97
56) Styrene	12.19	104	1525696	115.61	ug/L	98
57) Isopropylbenzene	12.47	105	2470145	119.42	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	577326	101.30	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	442658	101.03	ug/L	99
62) Bromoform	12.35	173	348341	107.44	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	1126309	106.00	ug/L	94
64) 1,4-Dichlorobenzene	13.59	146	1119498	99.78	ug/L	94
65) 1,2-Dichlorobenzene	13.88	146	1046717	101.11	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	113598	97.71	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	826590	100.56	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	734164	109.52	ug/L	98
69) Naphthalene	15.38	128	1811121	117.58	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	693895	107.00	ug/L	99

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

