

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072020\
 Data File : VW015872.D
 Acq On : 20 Jul 2020 12:34
 Operator : SY/VA
 Sample : VSTD05003
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05003

Quant Time: Jul 20 13:03:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 12:42:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	458042	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	418126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197454	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	283183	37.08	ug/L	0.00
7) Chloroethane-d5	2.89	69	244309	32.71	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	609617	53.97	ug/L	0.00
20) 2-Butanone-d5	7.09	46	169135	129.39	ug/L	0.00
24) Chloroform-d	7.65	84	600541	47.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	332551	49.28	ug/L	0.00
29) Benzene-d6	8.28	84	1189386	50.46	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	360456	53.24	ug/L	0.00
37) Toluene-d8	10.33	98	1083823	48.61	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	157193	53.96	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	134411	134.72	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	283717	52.38	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	365089	49.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	181776	54.965	ug/L 97
3) Chloromethane	2.21	50	221570	44.802	ug/L 99
5) Vinyl chloride	2.37	62	339395	40.274	ug/L 99
6) Bromomethane	2.78	94	202986	28.309	ug/L 98
8) Chloroethane	2.93	64	207697	35.225	ug/L 98
9) Trichlorofluoromethane	3.26	101	239574	30.690	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	292314	54.509	ug/L 99
12) 1,1-Dichloroethene	4.03	96	288075	56.699	ug/L 87
13) Acetone	4.13	43	134303	130.565	ug/L 99
14) Carbon disulfide	4.38	76	903013	54.670	ug/L 100
15) Methyl Acetate	4.67	43	136205	65.977	ug/L 99
16) Methylene chloride	4.91	84	305530	48.507	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	426003	56.120	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	307199	51.228	ug/L 99
19) 1,1-Dichloroethane	6.21	63	564918	53.528	ug/L 99
21) 2-Butanone	7.18	43	178475	130.632	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	329715	52.239	ug/L 99
23) Bromochloromethane	7.52	128	147708	52.585	ug/L 94
25) Chloroform	7.68	83	567488	50.474	ug/L 99
27) 1,2-Dichloroethane	8.40	62	381905	51.767	ug/L 99
30) Cyclohexane	7.96	56	531610	59.254	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	476773	50.719	ug/L 99
32) Carbon tetrachloride	8.07	117	441015	50.561	ug/L 98
34) Benzene	8.33	78	1242901	52.252	ug/L 100
35) Trichloroethene	9.09	95	331094	51.641	ug/L 99
36) Methylcyclohexane	9.34	83	579115	52.836	ug/L 99
40) 1,2-Dichloropropane	9.37	63	308311	54.169	ug/L 100
41) Bromodichloromethane	9.65	83	409297	53.350	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	503836	59.057	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	385703	137.791	ug/L 99

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44) Toluene	10.39	91	1342512	51.065	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	439707	58.074	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	229367	52.854	ug/L	98
47) Tetrachloroethene	10.87	164	248934	48.485	ug/L	97
49) 2-Hexanone	10.97	43	273199	137.195	ug/L	99
50) Dibromochloromethane	11.13	129	272458	53.054	ug/L	97
51) 1,2-Dibromoethane	11.24	107	221776	54.172	ug/L	95
52) Chlorobenzene	11.66	112	838968	48.802	ug/L	98
53) Ethylbenzene	11.73	91	1522849	51.344	ug/L	97
54) m,p-Xylene	11.84	106	573071	50.655	ug/L	96
55) o-xylene	12.17	106	541680	50.643	ug/L	98
56) Styrene	12.18	104	938696	51.913	ug/L	99
57) Isopropylbenzene	12.47	105	1449222	49.246	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	271466	54.733	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	200279	54.919	ug/L	100
62) Bromoform	12.35	173	152936	56.117	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	646466	51.891	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	636264	50.367	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	567429	49.692	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	45344	61.885	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	441439	52.377	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	373113	56.454	ug/L	99
69) Naphthalene	15.37	128	735874	62.179	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	316308	53.305	ug/L	97

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

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