

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071320\
 Data File : VW015841.D
 Acq On : 13 Jul 2020 12:15
 Operator : SY/VA
 Sample : VSTD05002
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05002

Quant Time: Jul 13 13:03:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071320S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 13 13:00:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	322935	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	319157	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171420	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	249588	47.48	ug/L	0.00
7) Chloroethane-d5	2.90	69	258862	56.71	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	371860	41.71	ug/L	0.00
20) 2-Butanone-d5	7.08	46	94381	90.57	ug/L	0.00
24) Chloroform-d	7.65	84	426658	47.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	232527	46.07	ug/L	0.00
29) Benzene-d6	8.28	84	855040	45.70	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	243542	44.24	ug/L	0.00
37) Toluene-d8	10.33	98	854704	48.69	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	114397	47.29	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	86981	100.03	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	220772	51.88	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	317089	48.08	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	120705	43.799	ug/L 95
3) Chloromethane	2.22	50	166189	50.024	ug/L 99
5) Vinyl chloride	2.37	62	280887	55.126	ug/L 100
6) Bromomethane	2.79	94	243153	65.607	ug/L 99
8) Chloroethane	2.93	64	210711	63.051	ug/L 99
9) Trichlorofluoromethane	3.26	101	291687	71.705	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	183144	48.504	ug/L 98
12) 1,1-Dichloroethene	4.04	96	174029	47.748	ug/L 87
13) Acetone	4.12	43	69065	80.872	ug/L 99
14) Carbon disulfide	4.38	76	573180	49.765	ug/L 100
15) Methyl Acetate	4.67	43	76510	48.699	ug/L 99
16) Methylene chloride	4.92	84	199717	42.645	ug/L 99
17) Methyl tert-butyl Ether	5.43	73	280643	50.084	ug/L 98
18) trans-1,2-Dichloroethene	5.43	96	214065	52.802	ug/L 98
19) 1,1-Dichloroethane	6.22	63	359104	49.520	ug/L 99
21) 2-Butanone	7.17	43	100012	92.209	ug/L 100
22) cis-1,2-Dichloroethene	7.18	96	224308	53.731	ug/L 98
23) Bromochloromethane	7.52	128	103637	56.211	ug/L 95
25) Chloroform	7.68	83	390407	52.628	ug/L 99
27) 1,2-Dichloroethane	8.40	62	264426	51.853	ug/L 99
30) Cyclohexane	7.96	56	337143	47.860	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	349238	50.461	ug/L 99
32) Carbon tetrachloride	8.07	117	335393	53.143	ug/L 100
34) Benzene	8.33	78	892342	50.850	ug/L 100
35) Trichloroethene	9.09	95	236715	50.269	ug/L 97
36) Methylcyclohexane	9.34	83	427545	52.535	ug/L 98
40) 1,2-Dichloropropane	9.37	63	207521	48.635	ug/L 100
41) Bromodichloromethane	9.65	83	293625	52.683	ug/L 98
42) cis-1,3-Dichloropropene	10.08	75	350183	52.814	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	230209	97.005	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1022826	53.089	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	315655	54.644	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	173133	55.795	ug/L	96
47) Tetrachloroethene	10.87	164	202253	53.129	ug/L	96
49) 2-Hexanone	10.97	43	164623	99.097	ug/L	100
50) Dibromochloromethane	11.13	129	219337	59.526	ug/L	99
51) 1,2-Dibromoethane	11.24	107	169393	56.060	ug/L	94
52) Chlorobenzene	11.66	112	668871	54.751	ug/L	98
53) Ethylbenzene	11.73	91	1184472	54.412	ug/L	98
54) m,p-Xylene	11.84	106	467590	56.895	ug/L	92
55) o-xylene	12.17	106	445471	56.533	ug/L	95
56) Styrene	12.18	104	776489	58.238	ug/L	100
57) Isopropylbenzene	12.47	105	1226509	56.602	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	207386	56.747	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	151353	54.907	ug/L	99
62) Bromoform	12.35	173	130368	59.108	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	556990	53.912	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	551682	53.484	ug/L	92
65) 1,2-Dichlorobenzene	13.87	146	506247	55.669	ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.49	75	32670	51.831	ug/L	85
67) 1,3,5-Trichlorobenzene	14.63	180	376484	53.727	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	317845	56.428	ug/L	99
69) Naphthalene	15.37	128	628016	61.126	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	287850	59.145	ug/L	100

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

