

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082420\
 Data File : VW016324.D
 Acq On : 24 Aug 2020 11:48
 Operator : SY/VA
 Sample : VSTD05005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05005

Quant Time: Aug 24 12:39:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 24 12:35:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	299749	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	273871	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130331	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	137066	37.71	ug/L	0.00
7) Chloroethane-d5	2.89	69	113382	41.11	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	357256	45.44	ug/L	0.00
20) 2-Butanone-d5	7.08	46	95313	98.24	ug/L	0.00
24) Chloroform-d	7.65	84	380758	47.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	197863	46.31	ug/L	0.00
29) Benzene-d6	8.27	84	751876	49.79	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	209951	47.81	ug/L	0.00
37) Toluene-d8	10.33	98	718332	51.72	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	105196	52.11	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	71092	95.57	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	183962	50.79	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	247659	51.80	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	162176	53.825	ug/L 100
3) Chloromethane	2.21	50	123870	42.679	ug/L 99
5) Vinyl chloride	2.36	62	172531	44.777	ug/L 96
6) Bromomethane	2.78	94	115110	47.181	ug/L 99
8) Chloroethane	2.92	64	100024	45.961	ug/L 95
9) Trichlorofluoromethane	3.26	101	204647	67.847	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	213734	52.678	ug/L 98
12) 1,1-Dichloroethene	4.04	96	203269	52.797	ug/L 96
13) Acetone	4.12	43	79513	106.322	ug/L 99
14) Carbon disulfide	4.38	76	594697	50.162	ug/L 99
15) Methyl Acetate	4.67	43	83808	48.927	ug/L 98
16) Methylene chloride	4.92	84	208264	43.990	ug/L 94
17) Methyl tert-butyl Ether	5.42	73	314610	57.059	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	215020	53.371	ug/L 99
19) 1,1-Dichloroethane	6.21	63	353214	49.985	ug/L 98
21) 2-Butanone	7.17	43	116267	99.854	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	231023	54.065	ug/L 98
23) Bromochloromethane	7.51	128	105728	53.719	ug/L 94
25) Chloroform	7.68	83	383677	50.790	ug/L 98
27) 1,2-Dichloroethane	8.40	62	243422	48.936	ug/L 100
30) Cyclohexane	7.96	56	319698	54.282	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	344248	54.499	ug/L 100
32) Carbon tetrachloride	8.07	117	328706	55.039	ug/L 99
34) Benzene	8.33	78	822521	52.451	ug/L 100
35) Trichloroethene	9.09	95	231796	54.412	ug/L 99
36) Methylcyclohexane	9.34	83	384619	55.060	ug/L 99
40) 1,2-Dichloropropane	9.37	63	192335	50.469	ug/L 99
41) Bromodichloromethane	9.65	83	281752	53.067	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	332917	56.312	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	243377	105.788	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	904402	54.398	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	298751	56.232	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	163273	53.431	ug/L	98
47) Tetrachloroethene	10.87	164	176806	54.724	ug/L	96
49) 2-Hexanone	10.97	43	168548	109.483	ug/L	99
50) Dibromochloromethane	11.13	129	205685	56.381	ug/L	100
51) 1,2-Dibromoethane	11.24	107	160613	55.177	ug/L	96
52) Chlorobenzene	11.66	112	590757	53.341	ug/L	100
53) Ethylbenzene	11.73	91	1037719	54.891	ug/L	100
54) m,p-Xylene	11.84	106	400632	56.016	ug/L	99
55) o-xylene	12.17	106	379513	56.565	ug/L	98
56) Styrene	12.18	104	650768	56.156	ug/L	97
57) Isopropylbenzene	12.47	105	1054616	57.933	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	190886	53.487	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	142291	52.853	ug/L	98
62) Bromoform	12.35	173	116904	58.369	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	456822	55.184	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	455056	53.626	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	407550	53.843	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	34093	51.642	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	313752	58.422	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	254365	58.170	ug/L	98
69) Naphthalene	15.37	128	564323	61.873	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	219134	55.910	ug/L	96

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

