

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017324.D
 Acq On : 18 Nov 2020 12:56
 Operator : SY/VA
 Sample : VSTD10003
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

Quant Time: Nov 18 13:26:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 12:44:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	394944	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364151	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188379	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	517851	105.40	ug/L	0.00
7) Chloroethane-d5	2.89	69	436841	113.88	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	975688	109.75	ug/L	0.00
20) 2-Butanone-d5	7.09	46	166301	159.64	ug/L	0.00
24) Chloroform-d	7.65	84	1002718	109.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	463475	102.66	ug/L	0.00
29) Benzene-d6	8.27	84	1956654	106.31	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	527690	104.41	ug/L	0.00
37) Toluene-d8	10.33	98	1893275	108.70	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	244080	108.33	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	142876	172.62	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	378115	88.81	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	654705	101.34	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	374959	97.092 ug/L	99
3) Chloromethane	2.22	50	406638	111.494 ug/L	100
5) Vinyl chloride	2.37	62	577910	108.157 ug/L	99
6) Bromomethane	2.78	94	475300	126.970 ug/L	99
8) Chloroethane	2.93	64	366092	112.878 ug/L	99
9) Trichlorofluoromethane	3.26	101	554899	126.556 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	539869	106.388 ug/L	98
12) 1,1-Dichloroethene	4.04	96	534451	109.285 ug/L	89
13) Acetone	4.14	43	113628	161.231 ug/L	95
14) Carbon disulfide	4.39	76	1576181	115.912 ug/L	99
15) Methyl Acetate	4.68	43	140408	81.646 ug/L	98
16) Methylene chloride	4.92	84	511776	93.948 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	592558	101.253 ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	565312	110.748 ug/L	97
19) 1,1-Dichloroethane	6.22	63	864586	108.174 ug/L	99
21) 2-Butanone	7.18	43	174159	155.248 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	580882	109.080 ug/L	98
23) Bromochloromethane	7.52	128	262435	103.846 ug/L	98
25) Chloroform	7.68	83	943397	108.017 ug/L	99
27) 1,2-Dichloroethane	8.40	62	537663	103.869 ug/L	98
30) Cyclohexane	7.96	56	771046	112.404 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	854565	112.941 ug/L	99
32) Carbon tetrachloride	8.07	117	827615	113.521 ug/L	100
34) Benzene	8.33	78	2026957	105.701 ug/L	100
35) Trichloroethene	9.09	95	582842	107.781 ug/L	98
36) Methylcyclohexane	9.34	83	958205	110.142 ug/L	98
40) 1,2-Dichloropropane	9.37	63	453273	102.297 ug/L	99
41) Bromodichloromethane	9.65	83	674072	109.832 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	782730	111.825 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	401878	155.048 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	2312404	109.525	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	659587	110.677	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	351484	94.172	ug/L	98
47) Tetrachloroethene	10.87	164	522112	106.807	ug/L	96
49) 2-Hexanone	10.97	43	270750	173.477	ug/L	97
50) Dibromochloromethane	11.13	129	478056	103.879	ug/L	100
51) 1,2-Dibromoethane	11.24	107	347403	96.083	ug/L	97
52) Chlorobenzene	11.66	112	1511109	106.250	ug/L	98
53) Ethylbenzene	11.73	91	2628314	110.974	ug/L	95
54) m,p-Xylene	11.84	106	1019211	110.792	ug/L	86
55) o-xylene	12.17	106	1002986	115.268	ug/L	98
56) Styrene	12.18	104	1669543	114.686	ug/L	99
57) Isopropylbenzene	12.46	105	2706058	114.188	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	368805	87.221	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	260989	86.073	ug/L	98
62) Bromoform	12.35	173	277378	101.166	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	1205089	104.341	ug/L	91
64) 1,4-Dichlorobenzene	13.58	146	1202650	104.035	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	1045213	102.132	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	57991	89.089	ug/L #	89
67) 1,3,5-Trichlorobenzene	14.63	180	902919	106.596	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	729109	109.629	ug/L	99
69) Naphthalene	15.36	128	1128438	97.503	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	633141	105.666	ug/L	97

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

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