

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012621\
 Data File : VW017996.D
 Acq On : 26 Jan 2021 18:13
 Operator : SY/VA
 Sample : VSTD10001
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10001

Quant Time: Jan 27 04:41:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012621S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 26 18:05:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	401413	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	376382	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	199881	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	584113	121.17	ug/L	0.00
7) Chloroethane-d5	2.885	69	519373	102.91	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.026	63	1031971	105.84	ug/L	0.00
20) 2-Butanone-d5	7.074	46	245150	205.10	ug/L	0.00
24) Chloroform-d	7.647	84	1073266	101.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	562878	102.92	ug/L	0.00
29) Benzene-d6	8.275	84	2054881	99.30	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.275	67	591391	101.92	ug/L	0.00
37) Toluene-d8	10.323	98	1985987	101.98	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	283512	115.53	ug/L	0.00
39) 2-Hexanone-d5	10.921	63	201830	223.26	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.695	84	478462	104.31	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	692419	101.38	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	588242	101.64	ug/L	99
3) Chloromethane	2.215	50	562389	99.60	ug/L	99
5) Vinyl chloride	2.367	62	659814	117.78	ug/L	99
6) Bromomethane	2.782	94	522777	104.61	ug/L	100
8) Chloroethane	2.922	64	431663	101.22	ug/L	99
9) Trichlorofluoromethane	3.257	101	430246	98.68	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	533742	96.09	ug/L #	71
12) 1,1-Dichloroethene	4.044	96	522275	104.90	ug/L	85
13) Acetone	4.117	43	146797	145.14	ug/L	93
14) Carbon disulfide	4.391	76	1598548	110.62	ug/L	99
15) Methyl Acetate	4.666	43	196810	97.87	ug/L	97
16) Methylene chloride	4.916	84	497006	77.20	ug/L	93
17) Methyl tert-butyl Ether	5.428	73	522174	95.16	ug/L	99
18) trans-1,2-Dichloroethene	5.422	96	552941	98.89	ug/L	93
19) 1,1-Dichloroethane	6.214	63	943055	98.26	ug/L	99
21) 2-Butanone	7.165	43	258645	195.83	ug/L	100
22) cis-1,2-Dichloroethene	7.165	96	581424	101.25	ug/L	97
23) Bromochloromethane	7.513	128	259353	100.93	ug/L	95
25) Chloroform	7.677	83	990653	97.54	ug/L	99
27) 1,2-Dichloroethane	8.397	62	634144	97.48	ug/L	97
30) Cyclohexane	7.958	56	892623	99.32	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	795538	96.27	ug/L	97
32) Carbon tetrachloride	8.067	117	798794	101.58	ug/L	99
34) Benzene	8.324	78	2116219	95.15	ug/L	100
35) Trichloroethene	9.092	95	588484	96.23	ug/L	95
36) Methylcyclohexane	9.336	83	1037746	98.66	ug/L	98
40) 1,2-Dichloropropane	9.366	63	512933	95.02	ug/L	98
41) Bromodichloromethane	9.646	83	721991	100.90	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	841269	105.87	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	610224	203.15	ug/L	98
44) Toluene	10.390	91	2412624	98.48	ug/L	99
45) trans-1,3-Dichloropropene	10.604	75	744685	109.66	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	390473	98.97	ug/L	99
47) Tetrachloroethene	10.860	164	478000	97.40	ug/L	98
49) 2-Hexanone	10.969	43	423882	204.06	ug/L	91
50) Dibromochloromethane	11.128	129	503060	108.57	ug/L	99
51) 1,2-Dibromoethane	11.238	107	385707	101.14	ug/L #	98
52) Chlorobenzene	11.658	112	1541343	97.88	ug/L	96
53) Ethylbenzene	11.731	91	2774380	99.34	ug/L	99
54) m,p-Xylene	11.841	106	1075883	100.63	ug/L	99
55) o-xylene	12.164	106	1033158	104.23	ug/L	100
56) Styrene	12.183	104	1773455	105.82	ug/L	96
57) Isopropylbenzene	12.463	105	2833453	101.55	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	455683	99.10	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	328737	98.01	ug/L	98
62) Bromoform	12.347	173	277813	110.91	ug/L	100
63) 1,3-Dichlorobenzene	13.499	146	1216618	96.11	ug/L	95
64) 1,4-Dichlorobenzene	13.579	146	1180210	93.15	ug/L	92
65) 1,2-Dichlorobenzene	13.865	146	1054418	93.25	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	75451	101.76	ug/L	88
67) 1,3,5-Trichlorobenzene	14.627	180	840734	93.40	ug/L	98
68) 1,2,4-trichlorobenzene	15.127	180	715368	96.10	ug/L	96
69) Naphthalene	15.365	128	1418402	101.28	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	597671	94.04	ug/L	95

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

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