

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012921\
 Data File : VW018003.D
 Acq On : 29 Jan 2021 15:44
 Operator : SY/VA
 Sample : VSTD10002
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10002

Quant Time: Jan 29 16:15:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 29 15:52:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	392277	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	366915	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	191762	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	444393	88.56	ug/L	0.00
7) Chloroethane-d5	2.885	69	357008	74.89	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.032	63	915954	92.87	ug/L	0.00
20) 2-Butanone-d5	7.074	46	248405	195.89	ug/L	0.00
24) Chloroform-d	7.647	84	985335	94.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	520062	95.60	ug/L	0.00
29) Benzene-d6	8.275	84	1890883	93.19	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.275	67	539189	93.88	ug/L	0.00
37) Toluene-d8	10.323	98	1817652	94.52	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	268676	109.25	ug/L	0.00
39) 2-Hexanone-d5	10.921	63	214749	220.09	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.689	84	462452	97.41	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	660929	98.45	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	517912	90.76	ug/L	98
3) Chloromethane	2.221	50	406723	78.67	ug/L	100
5) Vinyl chloride	2.367	62	522070	91.36	ug/L	98
6) Bromomethane	2.782	94	365787	76.80	ug/L	100
8) Chloroethane	2.922	64	308387	76.10	ug/L	97
9) Trichlorofluoromethane	3.257	101	403903	97.58	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	528465	95.09	ug/L #	66
12) 1,1-Dichloroethene	4.044	96	513687	100.54	ug/L	98
13) Acetone	4.117	43	153880	149.87	ug/L	94
14) Carbon disulfide	4.391	76	1517364	102.92	ug/L	99
15) Methyl Acetate	4.666	43	200165	95.35	ug/L	97
16) Methylene chloride	4.922	84	491148	75.12	ug/L	95
17) Methyl tert-butyl Ether	5.422	73	547833	98.18	ug/L	97
18) trans-1,2-Dichloroethene	5.422	96	541714	96.28	ug/L	96
19) 1,1-Dichloroethane	6.214	63	867447	92.17	ug/L	99
21) 2-Butanone	7.165	43	262405	195.97	ug/L	94
22) cis-1,2-Dichloroethene	7.171	96	566693	98.57	ug/L	97
23) Bromochloromethane	7.513	128	267372	101.83	ug/L	92
25) Chloroform	7.671	83	935774	92.71	ug/L	99
27) 1,2-Dichloroethane	8.397	62	599145	92.05	ug/L	99
30) Cyclohexane	7.958	56	799742	90.11	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	763582	92.84	ug/L	98
32) Carbon tetrachloride	8.067	117	756283	95.14	ug/L	100
34) Benzene	8.323	78	1979397	90.25	ug/L	100
35) Trichloroethene	9.092	95	565426	92.14	ug/L	98
36) Methylcyclohexane	9.335	83	951894	91.00	ug/L	98
40) 1,2-Dichloropropane	9.366	63	466816	88.48	ug/L	100
41) Bromodichloromethane	9.646	83	687417	97.51	ug/L	95
42) cis-1,3-Dichloropropene	10.073	75	807699	103.12	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	577874	187.75	ug/L	94
44) Toluene	10.384	91	2186481	90.55	ug/L	100
45) trans-1,3-Dichloropropene	10.604	75	717705	105.30	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	392700	98.03	ug/L	99
47) Tetrachloroethene	10.860	164	471944	94.98	ug/L	97
49) 2-Hexanone	10.969	43	402196	187.01	ug/L	95
50) Dibromochloromethane	11.128	129	499254	105.45	ug/L	96
51) 1,2-Dibromoethane	11.231	107	398386	101.48	ug/L #	99
52) Chlorobenzene	11.658	112	1478524	94.49	ug/L	99
53) Ethylbenzene	11.731	91	2503025	91.01	ug/L	95
54) m,p-Xylene	11.841	106	976790	92.22	ug/L	98
55) o-xylene	12.164	106	936175	95.13	ug/L	99
56) Styrene	12.183	104	1587005	95.21	ug/L	98
57) Isopropylbenzene	12.463	105	2548275	91.97	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	458803	96.21	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	339190	96.72	ug/L	99
62) Bromoform	12.347	173	313352	120.99	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	1151723	92.97	ug/L	94
64) 1,4-Dichlorobenzene	13.579	146	1127872	91.14	ug/L	96
65) 1,2-Dichlorobenzene	13.871	146	1047100	95.28	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	80499	103.11	ug/L	92
67) 1,3,5-Trichlorobenzene	14.627	180	892538	99.59	ug/L	99
68) 1,2,4-trichlorobenzene	15.133	180	754969	101.69	ug/L	95
69) Naphthalene	15.365	128	1469643	101.76	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	658492	102.25	ug/L	97

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

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