

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100121\
 Data File : VW022474.D
 Acq On : 01 Oct 2021 17:59
 Operator : SY/MD
 Sample : VSTD01058
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010258

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 2:23:59 PM

Quant Time: Oct 02 00:40:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 00:39:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	258166	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	242720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123352	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	16802	8.128	ug/L	0.00
7) Chloroethane-d5	1.568	69	13089	8.009	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	33743	9.198	ug/L	0.00
21) 2-Butanone-d5	3.912	46	17971m	13.061	ug/L	0.02
24) Chloroform-d	4.352	84	29673	7.938	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	16540	7.274	ug/L	0.00
32) Benzene-d6	5.053	84	57579	8.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	16694	7.267	ug/L	0.00
41) Toluene-d8	7.320	98	50754	7.710	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	7641	7.256	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	12357	13.454	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23644	7.148	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	20599	7.944	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	27910	11.222	ug/L	99
3) Chloromethane	1.240	50	26888	10.646	ug/L	99
5) Vinyl chloride	1.310	62	25608	10.805	ug/L	96
6) Bromomethane	1.523	94	17519	11.356	ug/L	99
8) Chloroethane	1.584	64	15819	10.935	ug/L	98
9) Trichlorofluoromethane	1.751	101	35632	11.044	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	20443	11.254	ug/L	99
12) 1,1-Dichloroethene	2.118	96	19425	11.307	ug/L	93
13) Acetone	2.182	43	26605m	22.877	ug/L	
14) Carbon disulfide	2.294	76	56275	10.600	ug/L	100
15) Methyl Acetate	2.436	43	22944	10.541	ug/L	98
16) Methylene chloride	2.510	84	23495	9.963	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	20101	10.281	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	59619	10.149	ug/L	98
19) 1,1-Dichloroethane	3.191	63	36381	10.362	ug/L	97
20) cis-1,2-Dichloroethene	3.915	96	20544	9.866	ug/L	93
22) 2-Butanone	3.992	43	30168m	19.656	ug/L	
23) Bromochloromethane	4.252	128	11842	10.461	ug/L	97
25) Chloroform	4.378	83	36576	10.139	ug/L	99
27) 1,2-Dichloroethane	5.137	62	24891	9.662	ug/L	96
29) Cyclohexane	4.677	56	30015	10.587	ug/L	96
30) 1,1,1-Trichloroethane	4.609	97	31470	10.745	ug/L	97
31) Carbon tetrachloride	4.831	117	27652	10.706	ug/L	97
33) Benzene	5.105	78	77465	10.509	ug/L	100
34) Trichloroethene	5.918	95	20396	10.653	ug/L	98
35) Methylcyclohexane	6.133	83	30480	10.378	ug/L	96
37) 1,2-Dichloropropane	6.178	63	19090	10.084	ug/L	100
38) Bromodichloromethane	6.513	83	24946	10.244	ug/L	95
39) cis-1,3-Dichloropropene	7.030	75	26807	9.529	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	52945	20.086	ug/L	99
42) Toluene	7.391	91	80100	10.144	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	24919	9.289	ug/L	97

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45) 1,1,2-Trichloroethane	7.844	97	20259	10.417	ug/L	98
46) Tetrachloroethene	7.979	164	17182	10.798	ug/L	97
48) 2-Hexanone	8.143	43	39887	20.130	ug/L	95
49) Dibromochloromethane	8.249	129	19729	9.521	ug/L	97
50) 1,2-Dibromoethane	8.355	107	21178	10.198	ug/L	98
51) Chlorobenzene	8.886	112	53291	10.267	ug/L	98
52) Ethylbenzene	9.014	91	82443	9.991	ug/L	100
53) m,p-Xylene	9.143	106	32202	10.093	ug/L	98
54) o-Xylene	9.545	106	31473	10.127	ug/L	94
55) Styrene	9.564	104	51888	9.644	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	30818	9.727	ug/L	99
59) Bromoform	9.735	173	13933	9.818	ug/L	99
60) Isopropylbenzene	9.934	105	80725	10.592	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	25333	11.043	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	65390	10.359	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	63929	10.071	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	39678	10.249	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	44259	11.193	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	42681	10.797	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6340	10.422	ug/L	88
69) 1,3,5-Trichlorobenzene	12.648	180	29350	10.416	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	24875	10.315	ug/L	99
71) Naphthalene	13.503	128	79040	10.621	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	26459	10.644	ug/L	99

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

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