

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102821\
 Data File : VW023077.D
 Acq On : 28 Oct 2021 16:00
 Operator : SY/MD
 Sample : VSTD01064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010264

Quant Time: Oct 29 01:31:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:30:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	279029	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	276308	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	150436	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	20034	11.335	ug/L	0.00
7) Chloroethane-d5	1.568	69	16820	12.194	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	38155	11.046	ug/L	0.00
21) 2-Butanone-d5	3.892	46	27137	25.644	ug/L	0.02
24) Chloroform-d	4.349	84	42843	12.827	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	24413	12.568	ug/L	0.00
32) Benzene-d6	5.050	84	76068	11.424	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	24922	12.146	ug/L	0.00
41) Toluene-d8	7.317	98	68799	11.275	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	10883	11.143	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	18863	21.688	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36350	12.645	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	29318	11.573	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	28053	10.067	ug/L	97
3) Chloromethane	1.240	50	27440	10.023	ug/L	98
5) Vinyl chloride	1.311	62	26483	10.109	ug/L	93
6) Bromomethane	1.523	94	16035	9.127	ug/L	96
8) Chloroethane	1.584	64	16670	10.467	ug/L	93
9) Trichlorofluoromethane	1.754	101	40793	11.147	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	21301	10.386	ug/L	99
12) 1,1-Dichloroethene	2.121	96	20351	10.499	ug/L	95
13) Acetone	2.166	43	29750	22.804	ug/L #	74
14) Carbon disulfide	2.298	76	58932	10.025	ug/L	100
15) Methyl Acetate	2.433	43	24514	10.917	ug/L	98
16) Methylene chloride	2.510	84	25791	10.462	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	22288	10.308	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	63395	9.586	ug/L	97
19) 1,1-Dichloroethane	3.191	63	43087	11.151	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	22943	9.940	ug/L	97
22) 2-Butanone	3.973	43	29851	18.124	ug/L	95
23) Bromochloromethane	4.249	128	13539	10.692	ug/L	95
25) Chloroform	4.375	83	43257	11.075	ug/L	97
27) 1,2-Dichloroethane	5.134	62	31975	11.215	ug/L	99
29) Cyclohexane	4.680	56	30416	9.318	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	38731	11.029	ug/L	99
31) Carbon tetrachloride	4.831	117	34699	11.194	ug/L	99
33) Benzene	5.101	78	86710	10.013	ug/L	100
34) Trichloroethene	5.915	95	22694	10.133	ug/L	93
35) Methylcyclohexane	6.130	83	33428	9.713	ug/L	97
37) 1,2-Dichloropropane	6.175	63	22993	10.360	ug/L	99
38) Bromodichloromethane	6.513	83	31798	11.016	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	32766	9.855	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	56542	18.348	ug/L	98
42) Toluene	7.391	91	93470	10.248	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	31203	9.706	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	24701	10.850	ug/L	98
46) Tetrachloroethene	7.976	164	20449	10.825	ug/L	98
48) 2-Hexanone	8.140	43	42893	17.796	ug/L	99
49) Dibromochloromethane	8.246	129	26742	10.793	ug/L	98
50) 1,2-Dibromoethane	8.355	107	25338	10.387	ug/L	95
51) Chlorobenzene	8.883	112	65209	10.740	ug/L	98
52) Ethylbenzene	9.014	91	96722	10.156	ug/L	98
53) m,p-Xylene	9.140	106	35997	9.545	ug/L	92
54) o-Xylene	9.545	106	35216	9.615	ug/L	95
55) Styrene	9.561	104	60466	9.580	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	39489	11.158	ug/L	97
59) Bromoform	9.731	173	19282	10.354	ug/L #	97
60) Isopropylbenzene	9.931	105	94070	9.703	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	30003	10.443	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	72897	8.972	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	72018	8.884	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	49203	10.028	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	52775	10.364	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	50811	10.187	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7684	9.794	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	36172	9.939	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	29746	9.127	ug/L	99
71) Naphthalene	13.503	128	88264	8.270	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	32757	9.681	ug/L	99

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

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