

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110222\
 Data File : VW028830.D
 Acq On : 02 Nov 2022 10:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050368

Quant Time: Nov 03 03:29:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	366649	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	350367	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	181382	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	159757	45.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.920%
7) Chloroethane-d5	1.558	69	134160	45.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.300%
11) 1,1-Dichloroethene-d2	2.101	63	316661	47.894	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.780%
21) 2-Butanone-d5	3.860	46	283853	112.189	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.190%
24) Chloroform-d	4.336	84	261806	49.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	5.021	65	177280	51.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.260%
32) Benzene-d6	5.040	84	513279	46.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.860%
36) 1,2-Dichloropropane-d6	6.063	67	181543	48.346	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.700%
41) Toluene-d8	7.307	98	447290	46.518	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.040%
43) trans-1,3-Dichloroprop...	7.612	79	72311	50.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.280%
47) 2-Hexanone-d5	8.079	63	181747	107.102	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.100%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	256813	51.865	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.720%
66) 1,2-Dichlorobenzene-d4	11.616	152	168126	46.958	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	140179	51.987	ug/L	99
3) Chloromethane	1.237	50	232814	51.879	ug/L	98
5) Vinyl chloride	1.307	62	222076	53.874	ug/L	99
6) Bromomethane	1.510	94	110515	48.590	ug/L	96
8) Chloroethane	1.577	64	133516	50.440	ug/L	97
9) Trichlorofluoromethane	1.745	101	259996	53.037	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	149803	53.935	ug/L	99
12) 1,1-Dichloroethene	2.111	96	141257	51.655	ug/L	93
13) Acetone	2.153	43	326494	133.278	ug/L	99
14) Carbon disulfide	2.288	76	377926	49.545	ug/L	100
15) Methyl Acetate	2.417	43	223608	54.386	ug/L	99
16) Methylene chloride	2.497	84	159672	48.123	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	136745	51.696	ug/L	100
18) Methyl tert-butyl Ether	2.757	73	484493	53.022	ug/L	100
19) 1,1-Dichloroethane	3.179	63	301400	52.294	ug/L	98
20) cis-1,2-Dichloroethene	3.899	96	152350	52.200	ug/L #	98
22) 2-Butanone	3.944	43	348148	115.683	ug/L	98
23) Bromochloromethane	4.236	128	73886	53.189	ug/L	99
25) Chloroform	4.362	83	280032	52.304	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	233506	53.406	ug/L	100
29) Cyclohexane	4.667	56	285100	50.997	ug/L	99
30) 1,1,1-Trichloroethane	4.597	97	222541	50.390	ug/L	99
31) Carbon tetrachloride	4.818	117	178198	50.502	ug/L	99
33) Benzene	5.088	78	631579	51.203	ug/L	100
34) Trichloroethene	5.905	95	144431	50.071	ug/L	98
35) Methylcyclohexane	6.124	83	268230	52.428	ug/L	98
37) 1,2-Dichloropropane	6.166	63	177138	51.904	ug/L	100
38) Bromodichloromethane	6.500	83	202405	52.204	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	241045	51.717	ug/L	99
40) 4-Methyl-2-pentanone	7.217	43	608870	107.274	ug/L	100
42) Toluene	7.381	91	642189	51.062	ug/L	97
44) trans-1,3-Dichloropropene	7.641	75	226054	52.449	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	150823	51.513	ug/L	97
46) Tetrachloroethene	7.966	164	102378	51.209	ug/L	99
48) 2-Hexanone	8.130	43	489601	113.262	ug/L	98
49) Dibromochloromethane	8.236	129	141906	52.358	ug/L	98
50) 1,2-Dibromoethane	8.342	107	153022	51.870	ug/L	98
51) Chlorobenzene	8.873	112	389240	50.543	ug/L	98
52) Ethylbenzene	9.005	91	703637	52.008	ug/L	100
53) m,p-Xylene	9.130	106	258285	52.342	ug/L	98
54) o-Xylene	9.535	106	257185	52.205	ug/L	98
55) Styrene	9.551	104	452070	53.510	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	273065	52.842	ug/L	100
59) Bromoform	9.722	173	90632	50.338	ug/L	99
60) Isopropylbenzene	9.924	105	684489	49.665	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	214873	49.856	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	583002	50.670	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	584069	51.026	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	297647	51.195	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	301579	50.909	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	305817	51.706	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	53382	48.617	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	216553	51.941	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	184903	51.825	ug/L	99
71) Naphthalene	13.490	128	587586	50.582	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	189672	52.522	ug/L	99

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

