

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110222\
 Data File : VW028844.D
 Acq On : 02 Nov 2022 16:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050369

Quant Time: Nov 03 03:31:16 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	403184	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	377604	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	190354	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	143490	37.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.080%
7) Chloroethane-d5	1.561	69	134686	41.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.440%
11) 1,1-Dichloroethene-d2	2.104	63	316835	43.578	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.160%
21) 2-Butanone-d5	3.866	46	269986	97.039	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.040%
24) Chloroform-d	4.339	84	265229	46.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.020%
26) 1,2-Dichloroethane-d4	5.021	65	175425	46.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.020%
32) Benzene-d6	5.040	84	509203	43.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.063	67	183283	45.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.580%
41) Toluene-d8	7.307	98	442380	42.689	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.380%
43) trans-1,3-Dichloroprop...	7.615	79	67720	43.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.140%
47) 2-Hexanone-d5	8.082	63	172956	94.570	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.570%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	254339	47.660	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.320%
66) 1,2-Dichlorobenzene-d4	11.615	152	165257	43.982	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	146699	49.475	ug/L	98
3) Chloromethane	1.240	50	245301	49.708	ug/L	100
5) Vinyl chloride	1.310	62	231837	51.145	ug/L	97
6) Bromomethane	1.516	94	124963	49.963	ug/L	100
8) Chloroethane	1.577	64	149286	51.287	ug/L	99
9) Trichlorofluoromethane	1.748	101	279889	51.921	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	162555	53.223	ug/L	99
12) 1,1-Dichloroethene	2.114	96	152291	50.643	ug/L	89
13) Acetone	2.159	43	310790	115.371	ug/L	100
14) Carbon disulfide	2.288	76	389656	46.454	ug/L	99
15) Methyl Acetate	2.423	43	224179	49.584	ug/L	99
16) Methylene chloride	2.500	84	175208	48.020	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	144134	49.552	ug/L	98
18) Methyl tert-butyl Ether	2.760	73	500061	49.767	ug/L	99
19) 1,1-Dichloroethane	3.182	63	323391	51.026	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	160840	50.115	ug/L	100
22) 2-Butanone	3.950	43	336495	101.679	ug/L	99
23) Bromochloromethane	4.236	128	75505	49.429	ug/L	97
25) Chloroform	4.365	83	297272	50.493	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	247745	51.528	ug/L	99
29) Cyclohexane	4.667	56	304188	50.486	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	237883	49.979	ug/L	99
31) Carbon tetrachloride	4.818	117	188902	49.674	ug/L	100
33) Benzene	5.091	78	679316	51.100	ug/L	100
34) Trichloroethene	5.905	95	156729	50.415	ug/L	97
35) Methylcyclohexane	6.124	83	285659	51.808	ug/L	100
37) 1,2-Dichloropropane	6.165	63	190265	51.729	ug/L	100
38) Bromodichloromethane	6.500	83	212596	50.878	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	248189	49.409	ug/L	99
40) 4-Methyl-2-pentanone	7.217	43	607595	99.328	ug/L	100
42) Toluene	7.381	91	694592	51.245	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	239703	51.604	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	160150	50.753	ug/L	98
46) Tetrachloroethene	7.969	164	108920	50.552	ug/L	99
48) 2-Hexanone	8.133	43	479971	103.025	ug/L	99
49) Dibromochloromethane	8.239	129	146699	50.222	ug/L	98
50) 1,2-Dibromoethane	8.345	107	157288	49.471	ug/L	99
51) Chlorobenzene	8.873	112	417235	50.270	ug/L	98
52) Ethylbenzene	9.005	91	758638	52.028	ug/L	100
53) m,p-Xylene	9.130	106	278152	52.302	ug/L	99
54) o-Xylene	9.535	106	272835	51.387	ug/L	99
55) Styrene	9.551	104	483031	53.051	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	283692	50.938	ug/L	100
59) Bromoform	9.722	173	92625	49.020	ug/L	98
60) Isopropylbenzene	9.924	105	740611	51.204	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	219900	48.618	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	614650	50.902	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	608179	50.628	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	302907	49.644	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	307759	49.503	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	309910	49.928	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.419	75	50423	43.758	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	215382	49.225	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	183545	49.019	ug/L	98
71) Naphthalene	13.490	128	535128	43.895	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	185325	48.899	ug/L	99

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

