

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101322\
 Data File : VW028535.D
 Acq On : 13 Oct 2022 12:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050361

Quant Time: Oct 14 04:43:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 13 02:58:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	271328	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	247919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	137602	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	95734	45.727	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.460%
7) Chloroethane-d5	1.564	69	73089	44.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.060%
11) 1,1-Dichloroethene-d2	2.104	63	175999	49.394	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.780%
21) 2-Butanone-d5	3.889	46	160722	87.696	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.700%
24) Chloroform-d	4.339	84	216014	56.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.520%
26) 1,2-Dichloroethane-d4	5.024	65	150877	60.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.860%
32) Benzene-d6	5.043	84	411343	51.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.560%
36) 1,2-Dichloropropane-d6	6.063	67	124192	47.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.900%
41) Toluene-d8	7.307	98	371924	52.292	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.580%
43) trans-1,3-Dichloroprop...	7.612	79	71219	53.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.900%
47) 2-Hexanone-d5	8.082	63	133655	94.859	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.860%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	160995	45.423	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.840%
66) 1,2-Dichlorobenzene-d4	11.615	152	144922	50.828	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	128885	63.089	ug/L	99
3) Chloromethane	1.240	50	95184	41.387	ug/L	99
5) Vinyl chloride	1.307	62	100060	43.353	ug/L	99
6) Bromomethane	1.519	94	49146	46.699	ug/L	97
8) Chloroethane	1.584	64	61116	43.621	ug/L	100
9) Trichlorofluoromethane	1.751	101	175269	61.447	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	81446	50.382	ug/L	92
12) 1,1-Dichloroethene	2.114	96	78546	49.493	ug/L	95
13) Acetone	2.185	43	191836	135.124	ug/L	96
14) Carbon disulfide	2.288	76	259473	51.123	ug/L	100
15) Methyl Acetate	2.432	43	104264	43.497	ug/L	96
16) Methylene chloride	2.500	84	118733	57.571	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	99165	53.571	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	396219	58.225	ug/L	96
19) 1,1-Dichloroethane	3.182	63	201064	53.171	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	117121	55.540	ug/L	98
22) 2-Butanone	3.973	43	205413	109.753	ug/L	97
23) Bromochloromethane	4.239	128	57831	56.430	ug/L	89
25) Chloroform	4.365	83	212652	57.604	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	181892	64.307	ug/L	97
29) Cyclohexane	4.670	56	176509	49.499	ug/L	94
30) 1,1,1-Trichloroethane	4.600	97	198527	61.987	ug/L	99
31) Carbon tetrachloride	4.818	117	169349	63.166	ug/L	99
33) Benzene	5.092	78	431835	52.961	ug/L	100
34) Trichloroethene	5.908	95	108584	53.681	ug/L	95
35) Methylcyclohexane	6.124	83	182695	51.952	ug/L	97
37) 1,2-Dichloropropane	6.165	63	110183	50.404	ug/L	99
38) Bromodichloromethane	6.503	83	163006	57.236	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	190321	54.727	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	378492	101.519	ug/L	97
42) Toluene	7.381	91	460438	54.784	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	186643	55.920	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	106216	52.459	ug/L	99
46) Tetrachloroethene	7.969	164	84326	58.019	ug/L	98
48) 2-Hexanone	8.133	43	312067	109.032	ug/L	98
49) Dibromochloromethane	8.239	129	121611	55.877	ug/L	97
50) 1,2-Dibromoethane	8.345	107	107021	51.047	ug/L	99
51) Chlorobenzene	8.873	112	292788	55.525	ug/L	98
52) Ethylbenzene	9.005	91	506722	55.316	ug/L	100
53) m,p-Xylene	9.130	106	190373	54.829	ug/L	99
54) o-Xylene	9.535	106	190283	54.733	ug/L	97
55) Styrene	9.551	104	332393	55.675	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	164892	47.553	ug/L	98
59) Bromoform	9.722	173	88480	51.925	ug/L	99
60) Isopropylbenzene	9.924	105	518088	52.251	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	136505	46.598	ug/L	96
62) 1,3,5-Trimethylbenzene	10.529	105	459012	53.450	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	455584	53.447	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	236700	54.579	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	233959	54.064	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	236118	53.944	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	45143	50.358	ug/L	92
69) 1,3,5-Trichlorobenzene	12.635	180	188790	57.315	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	171759	59.161	ug/L	99
71) Naphthalene	13.490	128	502907	55.692	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	169036	59.718	ug/L	98

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

