

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122222\
 Data File : VW029756.D
 Acq On : 22 Dec 2022 10:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050395

Quant Time: Dec 23 02:08:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 21 00:15:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	491283	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	459165	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	253671	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	122509	40.722	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.440%
7) Chloroethane-d5	1.564	69	110667	48.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.480%
11) 1,1-Dichloroethene-d2	2.104	63	239462	51.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.060%
21) 2-Butanone-d5	3.870	46	175953	95.876	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.880%
24) Chloroform-d	4.333	84	253689	44.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.620%
26) 1,2-Dichloroethane-d4	5.018	65	148850	46.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
32) Benzene-d6	5.037	84	526547	43.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.056	67	169022	45.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.220%
41) Toluene-d8	7.304	98	485150	42.439	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.880%
43) trans-1,3-Dichloroprop...	7.609	79	75075	40.118	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.240%
47) 2-Hexanone-d5	8.079	63	145242	91.778	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.780%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	250990	47.394	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.780%
66) 1,2-Dichlorobenzene-d4	11.612	152	197088	40.814	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	179574	46.405	ug/L	100
3) Chloromethane	1.240	50	197012	44.653	ug/L	99
5) Vinyl chloride	1.310	62	198578	53.794	ug/L	98
6) Bromomethane	1.519	94	80909	54.472	ug/L	98
8) Chloroethane	1.580	64	127263	61.913	ug/L	99
9) Trichlorofluoromethane	1.751	101	254995	55.180	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	151324	58.931	ug/L	97
12) 1,1-Dichloroethene	2.114	96	149278	56.846	ug/L	97
13) Acetone	2.162	43	166066	138.904	ug/L	97
14) Carbon disulfide	2.288	76	448044	51.265	ug/L	100
15) Methyl Acetate	2.423	43	147895	54.297	ug/L	98
16) Methylene chloride	2.500	84	200250	61.330	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	159919	52.852	ug/L	97
18) Methyl tert-butyl Ether	2.760	73	500349	53.972	ug/L	99
19) 1,1-Dichloroethane	3.178	63	291027	56.144	ug/L	99
20) cis-1,2-Dichloroethene	3.895	96	179328	53.897	ug/L	97
22) 2-Butanone	3.950	43	218191	114.697	ug/L	98
23) Bromochloromethane	4.233	128	91512	53.413	ug/L	91
25) Chloroform	4.358	83	314596	58.541	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.114	62	205751	54.200	ug/L	99
29) Cyclohexane	4.664	56	253730	51.011	ug/L	95
30) 1,1,1-Trichloroethane	4.593	97	263280	52.629	ug/L	98
31) Carbon tetrachloride	4.815	117	226187	51.777	ug/L	100
33) Benzene	5.085	78	690714	53.368	ug/L	100
34) Trichloroethene	5.902	95	172352	53.142	ug/L	99
35) Methylcyclohexane	6.120	83	276666	50.227	ug/L	99
37) 1,2-Dichloropropane	6.159	63	176299	56.437	ug/L	100
38) Bromodichloromethane	6.497	83	233915	54.244	ug/L	100
39) cis-1,3-Dichloropropene	7.014	75	241508	47.009	ug/L	99
40) 4-Methyl-2-pentanone	7.217	43	413559	111.037	ug/L	98
42) Toluene	7.374	91	736082	52.840	ug/L	99
44) trans-1,3-Dichloropropene	7.638	75	230814	47.441	ug/L	99
45) 1,1,2-Trichloroethane	7.825	97	174601	54.102	ug/L	98
46) Tetrachloroethene	7.963	164	135372	51.916	ug/L	99
48) 2-Hexanone	8.130	43	319361	112.233	ug/L	96
49) Dibromochloromethane	8.233	129	192763	54.100	ug/L	99
50) 1,2-Dibromoethane	8.339	107	175380	52.748	ug/L	99
51) Chlorobenzene	8.869	112	469371	53.210	ug/L	100
52) Ethylbenzene	9.001	91	784372	53.556	ug/L	100
53) m,p-Xylene	9.127	106	308464	53.214	ug/L	99
54) o-Xylene	9.532	106	300003	52.322	ug/L	100
55) Styrene	9.548	104	548430	55.039	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	283257	54.869	ug/L	97
59) Bromoform	9.718	173	149734	53.434	ug/L	99
60) Isopropylbenzene	9.918	105	792799	53.232	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	211895	54.116	ug/L	99
62) 1,3,5-Trimethylbenzene	10.525	105	677650	51.460	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	680117	52.103	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	383507	52.664	ug/L	99
65) 1,4-Dichlorobenzene	11.258	146	389889	52.682	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	378480	50.826	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	57103	46.922	ug/L	98
69) 1,3,5-Trichlorobenzene	12.631	180	284281	49.055	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	250899	48.687	ug/L	100
71) Naphthalene	13.490	128	651109	55.702	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	255921	50.702	ug/L	100

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

