

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120123\
 Data File : VW033086.D
 Acq On : 01 Dec 2023 18:22
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050343

Quant Time: Dec 04 04:23:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 04 04:21:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	340945	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	332025	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	198976	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	107199	52.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.200%
7) Chloroethane-d5	1.529	69	73511	51.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.520%
11) 1,1-Dichloroethene-d2	2.060	65	39625	51.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.200%
21) 2-Butanone-d5	3.777	46	103482	102.223	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.220%
24) Chloroform-d	4.243	84	222891	51.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.060%
26) 1,2-Dichloroethane-d4	4.937	65	140309	52.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.340%
32) Benzene-d6	4.957	84	423930	54.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.180%
36) 1,2-Dichloropropane-d6	5.986	67	115390	55.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.540%
41) Toluene-d8	7.239	98	400425	54.055	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.120%
43) trans-1,3-Dichloroprop...	7.551	79	69264	52.462	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.920%
47) 2-Hexanone-d5	8.021	63	85575	102.023	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.020%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	157439	53.045	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.080%
66) 1,2-Dichlorobenzene-d4	11.561	152	182445	51.535	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	184541	49.518	ug/L	99
3) Chloromethane	1.214	50	125696	51.138	ug/L	99
5) Vinyl chloride	1.282	62	117574	49.876	ug/L	99
6) Bromomethane	1.484	94	75776	49.263	ug/L	98
8) Chloroethane	1.548	64	62391	49.713	ug/L	99
9) Trichlorofluoromethane	1.712	101	191175	49.148	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	91721	50.213	ug/L	100
12) 1,1-Dichloroethene	2.069	96	87324	51.087	ug/L	95
13) Acetone	2.108	43	74071	76.645	ug/L	100
14) Carbon disulfide	2.240	76	308150	50.248	ug/L	99
15) Methyl Acetate	2.368	43	81928	50.864	ug/L	99
16) Methylene chloride	2.445	84	113761	50.261	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	113698	50.661	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	352623	51.722	ug/L	99
19) 1,1-Dichloroethane	3.108	63	190288	51.228	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	123904	52.031	ug/L	100
22) 2-Butanone	3.857	43	108959	88.594	ug/L	99
23) Bromochloromethane	4.143	128	68131	49.827	ug/L	97
25) Chloroform	4.272	83	216903	50.773	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	171098	50.684	ug/L	100
29) Cyclohexane	4.580	56	158182	51.580	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	209687	51.101	ug/L	99
31) Carbon tetrachloride	4.735	117	192781	50.527	ug/L	98
33) Benzene	5.008	78	442324	52.571	ug/L	100
34) Trichloroethene	5.831	95	125801	50.047	ug/L	97
35) Methylcyclohexane	6.050	83	183072	50.182	ug/L	98
37) 1,2-Dichloropropane	6.092	63	102283	52.528	ug/L	100
38) Bromodichloromethane	6.429	83	163327	52.028	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	186005	52.643	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	218508	105.688	ug/L	98
42) Toluene	7.313	91	491999	51.892	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	185894	52.029	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	115416	51.120	ug/L	99
46) Tetrachloroethene	7.905	164	107491	49.746	ug/L	95
48) 2-Hexanone	8.072	43	168974	98.576	ug/L	98
49) Dibromochloromethane	8.175	129	137557	51.037	ug/L	99
50) 1,2-Dibromoethane	8.281	107	124895	51.887	ug/L	96
51) Chlorobenzene	8.812	112	334510	50.172	ug/L	99
52) Ethylbenzene	8.947	91	556500	50.993	ug/L	100
53) m,p-Xylene	9.072	106	220423	51.003	ug/L	95
54) o-Xylene	9.477	106	213706	50.111	ug/L	99
55) Styrene	9.497	104	382910	51.902	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	158407	51.353	ug/L	98
59) Bromoform	9.664	173	110212	51.035	ug/L	100
60) Isopropylbenzene	9.866	105	589512	51.383	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	125474	50.572	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	476173	51.514	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	497438	51.673	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	305108	49.779	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	312773	49.124	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	301146	50.117	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	36247	47.612	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	235864	48.041	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	224631	49.523	ug/L	99
71) Naphthalene	13.439	128	540050	48.820	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	220900	50.470	ug/L	99

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

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