

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033251.D
 Acq On : 12 Dec 2023 06:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050357

Quant Time: Dec 12 06:56:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	296723	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	295552	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	181421	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74116	41.784	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.560%
7) Chloroethane-d5	1.529	69	57306	46.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.740%
11) 1,1-Dichloroethene-d2	2.059	65	29880	44.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.560%
21) 2-Butanone-d5	3.776	46	99401	112.825	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.830%
24) Chloroform-d	4.249	84	188245	50.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
26) 1,2-Dichloroethane-d4	4.940	65	119511	51.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.120%
32) Benzene-d6	4.960	84	338266	48.937	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
36) 1,2-Dichloropropane-d6	5.985	67	91462	49.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.420%
41) Toluene-d8	7.243	98	330025	50.050	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.100%
43) trans-1,3-Dichloroprop...	7.551	79	55327	47.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.160%
47) 2-Hexanone-d5	8.021	63	86999	116.520	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.520%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	147849	55.961	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.920%
66) 1,2-Dichlorobenzene-d4	11.561	152	162597	50.372	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	151997	46.864	ug/L	99
3) Chloromethane	1.214	50	98517	46.054	ug/L	99
5) Vinyl chloride	1.281	62	103985	50.686	ug/L	97
6) Bromomethane	1.484	94	63350	47.322	ug/L	99
8) Chloroethane	1.548	64	54734	50.111	ug/L	99
9) Trichlorofluoromethane	1.712	101	179841	53.124	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	83814	52.723	ug/L	98
12) 1,1-Dichloroethene	2.069	96	79412	53.382	ug/L	96
13) Acetone	2.108	43	64696	76.921	ug/L	100
14) Carbon disulfide	2.240	76	246911	46.262	ug/L	99
15) Methyl Acetate	2.368	43	72366	51.623	ug/L	93
16) Methylene chloride	2.445	84	99443	50.483	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	97075	49.701	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	314283	52.968	ug/L	99
19) 1,1-Dichloroethane	3.111	63	163256	50.501	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	111363	53.734	ug/L	96
22) 2-Butanone	3.860	43	99095	92.582	ug/L	90
23) Bromochloromethane	4.146	128	61866	51.988	ug/L	94
25) Chloroform	4.272	83	194396	52.287	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	153570	52.272	ug/L	99
29) Cyclohexane	4.584	56	127608	46.746	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	190753	52.224	ug/L	97
31) Carbon tetrachloride	4.735	117	181107	53.325	ug/L	99
33) Benzene	5.008	78	386766	51.641	ug/L	100
34) Trichloroethene	5.831	95	109724	49.038	ug/L	97
35) Methylcyclohexane	6.050	83	160395	49.392	ug/L	97
37) 1,2-Dichloropropane	6.091	63	87734	50.616	ug/L	98
38) Bromodichloromethane	6.432	83	147526	52.794	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	161466	51.337	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	203077	110.346	ug/L	97
42) Toluene	7.313	91	446552	52.911	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	162768	51.179	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	108429	53.952	ug/L	100
46) Tetrachloroethene	7.905	164	99083	51.513	ug/L	96
48) 2-Hexanone	8.072	43	160827	105.402	ug/L	99
49) Dibromochloromethane	8.175	129	131423	54.779	ug/L	99
50) 1,2-Dibromoethane	8.281	107	114304	53.347	ug/L	100
51) Chlorobenzene	8.812	112	307982	51.893	ug/L	99
52) Ethylbenzene	8.947	91	502909	51.769	ug/L	100
53) m,p-Xylene	9.072	106	207269	53.877	ug/L	93
54) o-Xylene	9.477	106	200273	52.757	ug/L	97
55) Styrene	9.493	104	356516	54.288	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	153890	56.045	ug/L	96
59) Bromoform	9.664	173	106204	53.938	ug/L	100
60) Isopropylbenzene	9.866	105	543624	51.968	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	122495	54.149	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	439539	52.152	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	463555	52.813	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	287408	51.428	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	293750	50.601	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	283900	51.818	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	37915	54.622	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	218952	48.912	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	208639	50.448	ug/L	99
71) Naphthalene	13.438	128	577823	57.290	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	213732	53.558	ug/L	99

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

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