

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120423\
 Data File : VW033099.D
 Acq On : 04 Dec 2023 16:12
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050345

Quant Time: Dec 05 03:24:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 05 03:20:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	311044	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	302790	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	182195	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84008	45.180	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.360%
7) Chloroethane-d5	1.529	69	61358	47.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	2.060	65	31856	45.035	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.060%
21) 2-Butanone-d5	3.780	46	102173	110.632	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.630%
24) Chloroform-d	4.249	84	196001	49.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
26) 1,2-Dichloroethane-d4	4.941	65	125747	51.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.500%
32) Benzene-d6	4.960	84	358591	50.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.280%
36) 1,2-Dichloropropane-d6	5.989	67	97069	50.980	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.960%
41) Toluene-d8	7.243	98	332874	49.275	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.560%
43) trans-1,3-Dichloroprop...	7.551	79	61326	50.934	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.860%
47) 2-Hexanone-d5	8.021	63	88867	116.177	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.180%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	152692	56.412	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.820%
66) 1,2-Dichlorobenzene-d4	11.561	152	158915	49.022	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	151973	44.699	ug/L	100
3) Chloromethane	1.214	50	112282	50.072	ug/L	99
5) Vinyl chloride	1.282	62	105277	48.953	ug/L	95
6) Bromomethane	1.484	94	67142	47.846	ug/L	99
8) Chloroethane	1.548	64	53790	46.980	ug/L	96
9) Trichlorofluoromethane	1.712	101	164832	46.449	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	76028	45.623	ug/L	98
12) 1,1-Dichloroethene	2.069	96	76825	49.266	ug/L	99
13) Acetone	2.108	43	65051	73.782	ug/L	98
14) Carbon disulfide	2.240	76	253960	45.392	ug/L	100
15) Methyl Acetate	2.368	43	75047	51.071	ug/L	98
16) Methylene chloride	2.446	84	105591	51.136	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	98985	48.345	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	328142	52.758	ug/L	100
19) 1,1-Dichloroethane	3.111	63	172741	50.975	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	114776	52.831	ug/L	97
22) 2-Butanone	3.863	43	101454	90.422	ug/L	99
23) Bromochloromethane	4.150	128	62205	49.866	ug/L	94
25) Chloroform	4.275	83	199749	51.253	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	157407	51.111	ug/L	98
29) Cyclohexane	4.584	56	130975	46.832	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	186666	49.883	ug/L	99
31) Carbon tetrachloride	4.735	117	169832	48.810	ug/L	99
33) Benzene	5.008	78	394988	51.478	ug/L	100
34) Trichloroethene	5.831	95	108850	47.485	ug/L	98
35) Methylcyclohexane	6.050	83	157829	47.440	ug/L	99
37) 1,2-Dichloropropane	6.092	63	93682	52.756	ug/L	100
38) Bromodichloromethane	6.433	83	151301	52.851	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	175037	54.322	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	209892	111.323	ug/L	99
42) Toluene	7.314	91	443547	51.299	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	168710	51.779	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	108835	52.859	ug/L	98
46) Tetrachloroethene	7.905	164	92977	47.183	ug/L	97
48) 2-Hexanone	8.072	43	154513	98.843	ug/L	98
49) Dibromochloromethane	8.175	129	128708	52.365	ug/L	98
50) 1,2-Dibromoethane	8.281	107	117918	53.718	ug/L	100
51) Chlorobenzene	8.812	112	302333	49.724	ug/L	98
52) Ethylbenzene	8.947	91	490772	49.312	ug/L	100
53) m,p-Xylene	9.072	106	198010	50.240	ug/L	93
54) o-Xylene	9.477	106	190404	48.958	ug/L	97
55) Styrene	9.497	104	345216	51.311	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	157890	56.127	ug/L	97
59) Bromoform	9.664	173	107896	54.564	ug/L	99
60) Isopropylbenzene	9.866	105	517107	49.224	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	123047	54.161	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	418601	49.457	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	438372	49.732	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	276537	49.273	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	290510	49.830	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	276046	50.171	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	35886	51.479	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	211765	47.105	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	215744	51.944	ug/L	100
71) Naphthalene	13.439	128	520587	51.396	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	205546	51.288	ug/L	100

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

