

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032943.D
 Acq On : 13 Nov 2023 20:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050327

Quant Time: Nov 14 00:21:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 13 23:16:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	405883	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	413614	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	235114	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	171091	49.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.680%
7) Chloroethane-d5	1.532	69	143960	50.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.220%
11) 1,1-Dichloroethene-d2	2.060	65	76972	51.463	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.920%
21) 2-Butanone-d5	3.783	46	136202	92.562	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.560%
24) Chloroform-d	4.249	84	307603	51.868	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.740%
26) 1,2-Dichloroethane-d4	4.940	65	186096	51.571	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.140%
32) Benzene-d6	4.960	84	594820	52.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.460%
36) 1,2-Dichloropropane-d6	5.989	67	170430	51.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.960%
41) Toluene-d8	7.243	98	563647	54.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.380%
43) trans-1,3-Dichloroprop...	7.551	79	91354	52.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.960%
47) 2-Hexanone-d5	8.024	63	119884	99.796	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.800%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	247304	51.485	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	236264	51.716	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	178472	50.851	ug/L	98
3) Chloromethane	1.217	50	174438	50.301	ug/L	99
5) Vinyl chloride	1.285	62	172763	49.511	ug/L	100
6) Bromomethane	1.484	94	116877	50.529	ug/L	98
8) Chloroethane	1.548	64	108724	49.340	ug/L	98
9) Trichlorofluoromethane	1.716	101	282756	51.036	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	160732	50.080	ug/L	99
12) 1,1-Dichloroethene	2.069	96	146623	51.072	ug/L	92
13) Acetone	2.108	43	138300	70.403	ug/L	97
14) Carbon disulfide	2.243	76	405794	49.635	ug/L	100
15) Methyl Acetate	2.368	43	118234	51.192	ug/L	98
16) Methylene chloride	2.445	84	155518	50.775	ug/L	96
17) trans-1,2-Dichloroethene	2.696	96	143307	50.423	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	430151	51.572	ug/L	99
19) 1,1-Dichloroethane	3.111	63	256381	50.494	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	159487	52.108	ug/L	97
22) 2-Butanone	3.863	43	153132	83.691	ug/L	97
23) Bromochloromethane	4.146	128	86928	50.565	ug/L	99
25) Chloroform	4.275	83	288095	51.420	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	210935	49.910	ug/L	99
29) Cyclohexane	4.584	56	208820	52.535	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	257225	50.746	ug/L	100
31) Carbon tetrachloride	4.738	117	232173	51.220	ug/L	100
33) Benzene	5.011	78	588722	52.407	ug/L	100
34) Trichloroethene	5.834	95	155526	50.941	ug/L	98
35) Methylcyclohexane	6.053	83	237043	51.519	ug/L	99
37) 1,2-Dichloropropane	6.092	63	143984	51.323	ug/L	99
38) Bromodichloromethane	6.432	83	212963	50.887	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	234446	50.248	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	313867	104.911	ug/L	100
42) Toluene	7.317	91	650717	53.083	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	240141	52.987	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	158069	50.774	ug/L	98
46) Tetrachloroethene	7.905	164	132174	50.327	ug/L	98
48) 2-Hexanone	8.075	43	242781	93.144	ug/L	99
49) Dibromochloromethane	8.178	129	169854	50.645	ug/L	99
50) 1,2-Dibromoethane	8.281	107	169626	51.190	ug/L	100
51) Chlorobenzene	8.815	112	432316	50.910	ug/L	98
52) Ethylbenzene	8.947	91	726407	53.508	ug/L	99
53) m,p-Xylene	9.072	106	278675	53.387	ug/L	99
54) o-Xylene	9.480	106	269594	53.563	ug/L	98
55) Styrene	9.497	104	485527	54.690	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	237700	49.630	ug/L	98
59) Bromoform	9.667	173	126959	50.759	ug/L	99
60) Isopropylbenzene	9.870	105	734475	52.771	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	175017	50.854	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	570228	54.008	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	601731	54.507	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	367956	50.689	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	382671	49.153	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	366953	50.269	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	45976	47.801	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	267265	49.073	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	249054	50.908	ug/L	99
71) Naphthalene	13.439	128	704952	54.833	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	260638	52.936	ug/L	98

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

