

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022023\
 Data File : VW030075.D
 Acq On : 20 Feb 2023 13:58
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050284

Quant Time: Feb 20 23:01:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 20 22:59:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	389839	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	376252	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	224809	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	91064	32.856	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.720%
7) Chloroethane-d5	1.536	69	86713	40.887	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.780%
11) 1,1-Dichloroethene-d2	2.066	63	196503	37.061	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.120%
21) 2-Butanone-d5	3.793	46	177004	102.332	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.330%
24) Chloroform-d	4.259	84	237586	46.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.240%
26) 1,2-Dichloroethane-d4	4.950	65	141715	46.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.080%
32) Benzene-d6	4.970	84	425575	42.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.180%
36) 1,2-Dichloropropane-d6	5.995	67	144783	45.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.140%
41) Toluene-d8	7.249	98	387994	41.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.280%
43) trans-1,3-Dichloroprop...	7.558	79	72508	45.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.840%
47) 2-Hexanone-d5	8.031	63	147418	99.517	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.520%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	235856	49.485	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.980%
66) 1,2-Dichlorobenzene-d4	11.571	152	176095	43.982	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	171483	41.557	ug/L	100
3) Chloromethane	1.217	50	268651	50.738	ug/L	99
5) Vinyl chloride	1.285	62	176557	47.883	ug/L	99
6) Bromomethane	1.491	94	39607	59.093	ug/L	99
8) Chloroethane	1.552	64	113383	52.702	ug/L	99
9) Trichlorofluoromethane	1.719	101	216643	44.323	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	130803	43.725	ug/L	100
12) 1,1-Dichloroethene	2.076	96	126664	47.068	ug/L	92
13) Acetone	2.121	43	131005	98.680	ug/L	100
14) Carbon disulfide	2.246	76	362599	45.566	ug/L	100
15) Methyl Acetate	2.378	43	150278	54.439	ug/L	99
16) Methylene chloride	2.452	84	160281	54.403	ug/L	98
17) trans-1,2-Dichloroethene	2.700	96	137689	50.051	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	499103	57.011	ug/L	100
19) 1,1-Dichloroethane	3.118	63	270495	53.349	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	164251	53.990	ug/L	98
22) 2-Butanone	3.876	43	196361	105.420	ug/L	99
23) Bromochloromethane	4.156	128	91035	56.124	ug/L	99
25) Chloroform	4.285	83	282271	54.608	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	213528	55.310	ug/L	99
29) Cyclohexane	4.593	56	186314	42.496	ug/L	100
30) 1,1,1-Trichloroethane	4.523	97	229748	49.155	ug/L	100
31) Carbon tetrachloride	4.744	117	193108	47.063	ug/L	99
33) Benzene	5.018	78	577122	51.989	ug/L	100
34) Trichloroethene	5.841	95	150987	49.973	ug/L	96
35) Methylcyclohexane	6.060	83	201990	42.114	ug/L	99
37) 1,2-Dichloropropane	6.101	63	158555	54.236	ug/L	100
38) Bromodichloromethane	6.439	83	216537	55.146	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	265857	54.099	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	400732	110.260	ug/L	99
42) Toluene	7.323	91	614559	50.593	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	243561	54.496	ug/L	100
45) 1,1,2-Trichloroethane	7.777	97	169548	55.879	ug/L	99
46) Tetrachloroethene	7.912	164	121198	47.716	ug/L	99
48) 2-Hexanone	8.082	43	295972	105.669	ug/L	99
49) Dibromochloromethane	8.185	129	174832	55.577	ug/L	99
50) 1,2-Dibromoethane	8.288	107	182584	54.851	ug/L	100
51) Chlorobenzene	8.822	112	415074	51.274	ug/L	99
52) Ethylbenzene	8.953	91	659912	49.066	ug/L	100
53) m,p-Xylene	9.082	106	255619	49.746	ug/L	98
54) o-Xylene	9.487	106	253305	51.151	ug/L	99
55) Styrene	9.503	104	448122	52.971	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	270878	54.613	ug/L	99
59) Bromoform	9.674	173	131609	59.117	ug/L	99
60) Isopropylbenzene	9.876	105	661840	49.507	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	204135	54.882	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	555597	50.179	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	553152	50.830	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	343110	50.929	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	347164	50.361	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	339654	50.637	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	55980	51.586	ug/L	98
69) 1,3,5-Trichlorobenzene	12.593	180	261735	48.685	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	249522	49.380	ug/L	100
71) Naphthalene	13.448	128	765391	52.220	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	252691	50.955	ug/L	99

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

