

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041823\
 Data File : VW030611.D
 Acq On : 18 Apr 2023 12:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050289

Quant Time: Apr 19 01:45:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	228694	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	228724	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	132215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	82008	48.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.840%
7) Chloroethane-d5	1.536	69	70451	50.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.300%
11) 1,1-Dichloroethene-d2	2.063	65	39155	49.248	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.500%
21) 2-Butanone-d5	3.802	46	93695	101.750	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.750%
24) Chloroform-d	4.259	84	154558	50.871	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.740%
26) 1,2-Dichloroethane-d4	4.950	65	100263	51.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.660%
32) Benzene-d6	4.970	84	279420	51.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.340%
36) 1,2-Dichloropropane-d6	5.995	67	83930	49.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.940%
41) Toluene-d8	7.249	98	269598	53.099	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	7.558	79	39137	46.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.460%
47) 2-Hexanone-d5	8.034	63	62956	95.139	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.140%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	127677	52.382	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.760%
66) 1,2-Dichlorobenzene-d4	11.567	152	105102	50.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	94148	47.882	ug/L	98
3) Chloromethane	1.217	50	117009	45.365	ug/L	99
5) Vinyl chloride	1.288	62	99600	47.897	ug/L	99
6) Bromomethane	1.491	94	41310	50.099	ug/L	99
8) Chloroethane	1.552	64	68480	48.013	ug/L	100
9) Trichlorofluoromethane	1.719	101	169989	50.438	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	87895	49.625	ug/L	98
12) 1,1-Dichloroethene	2.076	96	78288	48.889	ug/L	97
13) Acetone	2.127	43	98358	69.028	ug/L	100
14) Carbon disulfide	2.246	76	215075	47.551	ug/L	99
15) Methyl Acetate	2.378	43	100392	52.796	ug/L	99
16) Methylene chloride	2.452	84	98849	53.942	ug/L	99
17) trans-1,2-Dichloroethene	2.700	96	77301	47.817	ug/L	95
18) Methyl tert-butyl Ether	2.712	73	260242	50.259	ug/L	99
19) 1,1-Dichloroethane	3.121	63	158789	48.177	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	84416	48.004	ug/L	99
22) 2-Butanone	3.880	43	124542	84.578	ug/L	98
23) Bromochloromethane	4.153	128	49506	50.405	ug/L	96
25) Chloroform	4.285	83	170120	49.868	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	149348	51.717	ug/L	100
29) Cyclohexane	4.593	56	130533	47.557	ug/L	100
30) 1,1,1-Trichloroethane	4.523	97	153401	47.730	ug/L	100
31) Carbon tetrachloride	4.744	117	140853	49.018	ug/L	99
33) Benzene	5.018	78	347923	50.092	ug/L	100
34) Trichloroethene	5.841	95	88621	49.053	ug/L	96
35) Methylcyclohexane	6.059	83	136769	48.314	ug/L	99
37) 1,2-Dichloropropane	6.101	63	92665	49.568	ug/L	100
38) Bromodichloromethane	6.439	83	126205	48.058	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	125431	44.704	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	268871	102.960	ug/L	99
42) Toluene	7.323	91	385913	51.874	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	128145	46.486	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	93748	50.010	ug/L	97
46) Tetrachloroethene	7.912	164	77415	48.955	ug/L	99
48) 2-Hexanone	8.082	43	207802	96.440	ug/L	96
49) Dibromochloromethane	8.185	129	101709	49.189	ug/L	100
50) 1,2-Dibromoethane	8.288	107	95240	49.034	ug/L	99
51) Chlorobenzene	8.821	112	243318	49.384	ug/L	99
52) Ethylbenzene	8.953	91	415028	50.392	ug/L	99
53) m,p-Xylene	9.079	106	159338	51.219	ug/L	100
54) o-Xylene	9.487	106	151881	49.906	ug/L	98
55) Styrene	9.503	104	283198	52.975	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	154331	50.144	ug/L	99
59) Bromoform	9.670	173	82563	49.877	ug/L	99
60) Isopropylbenzene	9.876	105	419923	50.927	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	119013	50.258	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	340405	50.141	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	344522	50.826	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	206511	50.024	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	217085	49.868	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	214360	51.471	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	33912	48.336	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	151762	48.665	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	125156	47.268	ug/L	99
71) Naphthalene	13.448	128	341813	47.192	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	132670	50.530	ug/L	99

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

