

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030730.D
 Acq On : 20 Apr 2023 20:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050297

Quant Time: Apr 21 00:21:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	204639	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	202788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	122109	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	78781	52.515	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.020%
7) Chloroethane-d5	1.536	69	68534	54.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.040%
11) 1,1-Dichloroethene-d2	2.066	65	36529	51.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.700%
21) 2-Butanone-d5	3.802	46	89607	108.749	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.750%
24) Chloroform-d	4.259	84	144031	52.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.960%
26) 1,2-Dichloroethane-d4	4.953	65	96060	54.958	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.920%
32) Benzene-d6	4.973	84	260298	54.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.580%
36) 1,2-Dichloropropane-d6	5.998	67	76987	51.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.380%
41) Toluene-d8	7.252	98	250088	55.556	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.120%
43) trans-1,3-Dichloroprop...	7.558	79	40239	53.607	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.220%
47) 2-Hexanone-d5	8.034	63	61357	104.582	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.580%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	117791	54.507	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.020%
66) 1,2-Dichlorobenzene-d4	11.567	152	104827	54.010	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	87659	49.823	ug/L	97
3) Chloromethane	1.217	50	103959	45.044	ug/L	98
5) Vinyl chloride	1.288	62	92791	49.868	ug/L	99
6) Bromomethane	1.494	94	38634	52.362	ug/L	95
8) Chloroethane	1.555	64	64145	50.261	ug/L	97
9) Trichlorofluoromethane	1.719	101	160860	53.340	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	81016	51.118	ug/L	99
12) 1,1-Dichloroethene	2.076	96	75102	52.412	ug/L	99
13) Acetone	2.127	43	93566	73.384	ug/L	96
14) Carbon disulfide	2.249	76	196204	48.478	ug/L	99
15) Methyl Acetate	2.381	43	89874	52.820	ug/L	99
16) Methylene chloride	2.455	84	81435	49.663	ug/L	96
17) trans-1,2-Dichloroethene	2.703	96	72166	49.888	ug/L	97
18) Methyl tert-butyl Ether	2.712	73	253078	54.620	ug/L	97
19) 1,1-Dichloroethane	3.121	63	150257	50.947	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	82531	52.448	ug/L	100
22) 2-Butanone	3.883	43	118440	89.889	ug/L	98
23) Bromochloromethane	4.159	128	47590	54.150	ug/L	97
25) Chloroform	4.288	83	162613	53.270	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	139790	54.097	ug/L	99
29) Cyclohexane	4.593	56	122665	50.406	ug/L	98
30) 1,1,1-Trichloroethane	4.523	97	150880	52.950	ug/L	100
31) Carbon tetrachloride	4.748	117	132258	51.914	ug/L	98
33) Benzene	5.021	78	327251	53.142	ug/L	100
34) Trichloroethene	5.841	95	82960	51.793	ug/L	97
35) Methylcyclohexane	6.059	83	127738	50.895	ug/L	99
37) 1,2-Dichloropropane	6.101	63	85538	51.608	ug/L	99
38) Bromodichloromethane	6.442	83	120424	51.721	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	127475	51.243	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	256725	110.882	ug/L	99
42) Toluene	7.323	91	363051	55.042	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	132133	54.064	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	86168	51.846	ug/L	98
46) Tetrachloroethene	7.912	164	73949	52.744	ug/L	97
48) 2-Hexanone	8.085	43	195003	102.075	ug/L	99
49) Dibromochloromethane	8.185	129	96096	52.418	ug/L	95
50) 1,2-Dibromoethane	8.291	107	90181	52.367	ug/L	100
51) Chlorobenzene	8.821	112	228887	52.397	ug/L	99
52) Ethylbenzene	8.953	91	391632	53.633	ug/L	99
53) m,p-Xylene	9.079	106	151455	54.912	ug/L	98
54) o-Xylene	9.487	106	148904	55.185	ug/L	97
55) Styrene	9.503	104	268921	56.738	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	141658	51.913	ug/L	97
59) Bromoform	9.674	173	80998	52.981	ug/L	99
60) Isopropylbenzene	9.876	105	403572	52.994	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	108933	49.808	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	330811	52.760	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	329368	52.611	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	200407	52.563	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	207613	51.639	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	202912	52.754	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	32041	49.449	ug/L	93
69) 1,3,5-Trichlorobenzene	12.590	180	151482	52.595	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	124528	50.923	ug/L	100
71) Naphthalene	13.448	128	339534	50.757	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	129924	53.580	ug/L	99

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

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