

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030701.D
 Acq On : 20 Apr 2023 06:09
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050295

Quant Time: Apr 20 06:55:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:25:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	233512	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	226669	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	137985	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	55734	32.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.120%
7) Chloroethane-d5	1.535	69	50378	35.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.240%
11) 1,1-Dichloroethene-d2	2.063	65	28979	35.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.400%
21) 2-Butanone-d5	3.796	46	97829	104.047	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.050%
24) Chloroform-d	4.259	84	139073	44.830	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.660%
26) 1,2-Dichloroethane-d4	4.950	65	92599	46.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
32) Benzene-d6	4.969	84	234275	43.715	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.440%
36) 1,2-Dichloropropane-d6	5.998	67	75380	45.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.560%
41) Toluene-d8	7.249	98	222458	44.212	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.420%
43) trans-1,3-Dichloroprop...	7.558	79	35443	42.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.480%
47) 2-Hexanone-d5	8.034	63	63671	97.092	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.090%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	122211	50.594	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.180%
66) 1,2-Dichlorobenzene-d4	11.570	152	105046	47.896	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	91201	45.426	ug/L	98
3) Chloromethane	1.217	50	114975	43.657	ug/L	100
5) Vinyl chloride	1.288	62	98898	46.578	ug/L	97
6) Bromomethane	1.487	94	41406	49.180	ug/L	100
8) Chloroethane	1.551	64	62678	43.039	ug/L	99
9) Trichlorofluoromethane	1.719	101	166976	48.522	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	84533	46.742	ug/L	98
12) 1,1-Dichloroethene	2.076	96	78815	48.202	ug/L	88
13) Acetone	2.117	43	93517	64.276	ug/L	100
14) Carbon disulfide	2.246	76	211841	45.870	ug/L	100
15) Methyl Acetate	2.378	43	90658	46.693	ug/L	98
16) Methylene chloride	2.455	84	85798	45.854	ug/L	96
17) trans-1,2-Dichloroethene	2.699	96	77278	46.817	ug/L	97
18) Methyl tert-butyl Ether	2.709	73	261804	49.517	ug/L	98
19) 1,1-Dichloroethane	3.121	63	159606	47.425	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	86810	48.346	ug/L	99
22) 2-Butanone	3.876	43	118551	78.848	ug/L	96
23) Bromochloromethane	4.159	128	48906	48.767	ug/L	99
25) Chloroform	4.284	83	170314	48.894	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	150743	51.123	ug/L	100
29) Cyclohexane	4.593	56	130753	48.069	ug/L	99
30) 1,1,1-Trichloroethane	4.522	97	156011	48.983	ug/L	100
31) Carbon tetrachloride	4.744	117	140121	49.206	ug/L	99
33) Benzene	5.018	78	349379	50.758	ug/L	100
34) Trichloroethene	5.841	95	87124	48.662	ug/L	98
35) Methylcyclohexane	6.059	83	134970	48.111	ug/L	98
37) 1,2-Dichloropropane	6.101	63	88568	47.806	ug/L	98
38) Bromodichloromethane	6.442	83	128556	49.397	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	131773	47.390	ug/L	96
40) 4-Methyl-2-pentanone	7.165	43	249028	96.226	ug/L	100
42) Toluene	7.323	91	381752	51.780	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	129973	47.577	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	90664	48.803	ug/L	98
46) Tetrachloroethene	7.911	164	77424	49.404	ug/L	99
48) 2-Hexanone	8.082	43	187855	87.973	ug/L	100
49) Dibromochloromethane	8.185	129	98696	48.165	ug/L	96
50) 1,2-Dibromoethane	8.291	107	92746	48.182	ug/L	100
51) Chlorobenzene	8.821	112	245024	50.181	ug/L	100
52) Ethylbenzene	8.953	91	417596	51.164	ug/L	100
53) m,p-Xylene	9.078	106	160454	52.045	ug/L	99
54) o-Xylene	9.487	106	155973	51.715	ug/L	98
55) Styrene	9.503	104	277797	52.435	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	145958	47.854	ug/L	100
59) Bromoform	9.673	173	81789	47.343	ug/L	99
60) Isopropylbenzene	9.876	105	425869	49.488	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	111876	45.268	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	345764	48.800	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	346667	49.003	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	207667	48.200	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	215059	47.337	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	213672	49.160	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	32524	44.419	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	155953	47.918	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	132470	47.938	ug/L	99
71) Naphthalene	13.448	128	349556	46.243	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	136527	49.825	ug/L	99

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

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