

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110123\
 Data File : VW032823.D
 Acq On : 01 Nov 2023 13:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050315

Quant Time: Nov 02 01:10:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 02 01:08:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	311155	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	348670	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	194026	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	118619	40.081	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.160%
7) Chloroethane-d5	1.529	69	112906	45.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.240%
11) 1,1-Dichloroethene-d2	2.060	65	47579	38.923	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.840%
21) 2-Butanone-d5	3.786	46	142649	111.124	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.120%
24) Chloroform-d	4.249	84	231155	48.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.860%
26) 1,2-Dichloroethane-d4	4.941	65	151726	51.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.360%
32) Benzene-d6	4.960	84	437199	48.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
36) 1,2-Dichloropropane-d6	5.989	67	131117	48.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	7.243	98	437680	49.583	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.160%
43) trans-1,3-Dichloroprop...	7.551	79	75045	52.906	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.820%
47) 2-Hexanone-d5	8.024	63	111671	112.311	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.310%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	218091	52.769	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.540%
66) 1,2-Dichlorobenzene-d4	11.564	152	179167	47.918	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	107713	39.342	ug/L	100
3) Chloromethane	1.217	50	123281	46.543	ug/L	100
5) Vinyl chloride	1.285	62	119171	42.194	ug/L	99
6) Bromomethane	1.484	94	92118	46.743	ug/L	97
8) Chloroethane	1.548	64	91235	47.984	ug/L	98
9) Trichlorofluoromethane	1.712	101	186683	41.477	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	111236	40.845	ug/L	99
12) 1,1-Dichloroethene	2.069	96	98906	42.499	ug/L	94
13) Acetone	2.111	43	134350	62.527	ug/L	100
14) Carbon disulfide	2.240	76	250712	45.129	ug/L	99
15) Methyl Acetate	2.372	43	119731	54.958	ug/L	100
16) Methylene chloride	2.446	84	139502	45.192	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	104500	47.046	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	367167	55.973	ug/L	100
19) 1,1-Dichloroethane	3.111	63	203495	48.073	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	123600	50.384	ug/L	98
22) 2-Butanone	3.867	43	157471	86.418	ug/L	100
23) Bromochloromethane	4.146	128	73614	53.764	ug/L	99
25) Chloroform	4.275	83	240867	49.924	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	187947	54.055	ug/L	99
29) Cyclohexane	4.587	56	124961	39.878	ug/L #	94
30) 1,1,1-Trichloroethane	4.516	97	184572	44.184	ug/L	99
31) Carbon tetrachloride	4.735	117	153080	41.470	ug/L	98
33) Benzene	5.011	78	471875	51.038	ug/L	100
34) Trichloroethene	5.834	95	116548	45.284	ug/L	98
35) Methylcyclohexane	6.053	83	168160	41.757	ug/L	97
37) 1,2-Dichloropropane	6.092	63	122131	49.764	ug/L	100
38) Bromodichloromethane	6.433	83	197365	51.261	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	207399	56.331	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	347778	119.573	ug/L	99
42) Toluene	7.317	91	541260	51.407	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	205705	54.394	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	150807	53.573	ug/L	96
46) Tetrachloroethene	7.905	164	100148	43.126	ug/L	99
48) 2-Hexanone	8.076	43	272050	104.251	ug/L	100
49) Dibromochloromethane	8.178	129	155526	52.846	ug/L	98
50) 1,2-Dibromoethane	8.281	107	157910	55.062	ug/L	99
51) Chlorobenzene	8.815	112	360056	48.304	ug/L	98
52) Ethylbenzene	8.947	91	562723	48.450	ug/L	99
53) m,p-Xylene	9.075	106	219569	49.673	ug/L	100
54) o-Xylene	9.481	106	215381	50.295	ug/L	98
55) Styrene	9.497	104	401913	53.855	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	228007	54.081	ug/L	99
59) Bromoform	9.667	173	115163	52.939	ug/L	100
60) Isopropylbenzene	9.870	105	563925	47.926	ug/L	100
61) 1,2,3-Trichloropropane	10.211	75	174800	53.936	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	454670	49.104	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	449481	50.747	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	300405	49.006	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	307088	47.479	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	306971	49.053	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	44671	52.962	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	208664	47.153	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	185362	48.434	ug/L	99
71) Naphthalene	13.442	128	530662	55.526	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	202981	53.121	ug/L	97

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

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