

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031924\
 Data File : VW034695.D
 Acq On : 18 Mar 2024 13:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050294

Quant Time: Mar 19 02:48:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 00:58:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	365245	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	342448	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	182525	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	163641	51.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.360%
7) Chloroethane-d5	1.529	69	123798	50.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.380%
11) 1,1-Dichloroethene-d2	2.056	65	70633	49.326	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.660%
21) 2-Butanone-d5	3.786	46	203517	96.115	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.120%
24) Chloroform-d	4.246	84	269943	48.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	4.940	65	176396	48.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.440%
32) Benzene-d6	4.956	84	525517	50.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.700%
36) 1,2-Dichloropropane-d6	5.989	67	156304	49.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.120%
41) Toluene-d8	7.239	98	480577	51.383	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.760%
43) trans-1,3-Dichloroprop...	7.551	79	82304	51.963	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.920%
47) 2-Hexanone-d5	8.024	63	132719	84.265	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.270%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	208599	50.256	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.520%
66) 1,2-Dichlorobenzene-d4	11.557	152	180817	48.465	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	160692	41.944	ug/L	100
3) Chloromethane	1.217	50	148089	39.338	ug/L	99
5) Vinyl chloride	1.285	62	153613	42.037	ug/L	98
6) Bromomethane	1.487	94	93374	42.588	ug/L	99
8) Chloroethane	1.545	64	95111	43.790	ug/L	99
9) Trichlorofluoromethane	1.712	101	237873	43.468	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	134774	45.695	ug/L	99
12) 1,1-Dichloroethene	2.069	96	117551	42.981	ug/L	97
13) Acetone	2.117	43	238859	93.836	ug/L	99
14) Carbon disulfide	2.240	76	302103	39.801	ug/L	99
15) Methyl Acetate	2.371	43	174664	53.635	ug/L	99
16) Methylene chloride	2.445	84	142576	49.146	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	123843	46.784	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	484761	50.994	ug/L	99
19) 1,1-Dichloroethane	3.111	63	263339	50.783	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	142806	49.721	ug/L	96
22) 2-Butanone	3.866	43	255416	101.613	ug/L	98
23) Bromochloromethane	4.146	128	75378	50.754	ug/L	97
25) Chloroform	4.275	83	270065	50.247	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	218446	50.024	ug/L	99
29) Cyclohexane	4.583	56	202448	44.945	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	237783	48.422	ug/L	99
31) Carbon tetrachloride	4.735	117	210433	48.401	ug/L	97
33) Benzene	5.008	78	526043	49.489	ug/L	100
34) Trichloroethene	5.831	95	141456	46.816	ug/L	98
35) Methylcyclohexane	6.050	83	213227	46.420	ug/L	99
37) 1,2-Dichloropropane	6.091	63	145260	52.197	ug/L	99
38) Bromodichloromethane	6.432	83	197488	50.450	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	227008	50.347	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	445079	108.461	ug/L	99
42) Toluene	7.313	91	562157	49.970	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	227881	52.550	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	142637	53.121	ug/L	99
46) Tetrachloroethene	7.905	164	107753	47.953	ug/L	100
48) 2-Hexanone	8.072	43	366653	112.129	ug/L	98
49) Dibromochloromethane	8.175	129	149976	52.928	ug/L	99
50) 1,2-Dibromoethane	8.281	107	147179	51.654	ug/L	99
51) Chlorobenzene	8.812	112	367274	50.500	ug/L	100
52) Ethylbenzene	8.943	91	646589	51.295	ug/L	100
53) m,p-Xylene	9.072	106	239306	50.028	ug/L	100
54) o-Xylene	9.477	106	235593	50.297	ug/L	98
55) Styrene	9.493	104	418359	52.752	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	219868	54.517	ug/L	100
59) Bromoform	9.664	173	106330	52.543	ug/L	99
60) Isopropylbenzene	9.866	105	661029	51.206	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	182662	52.426	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	551945	50.686	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	556278	51.651	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	303509	50.851	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	303144	50.014	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	303490	50.744	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	55796	53.759	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	230045	51.377	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	205905	51.106	ug/L	99
71) Naphthalene	13.438	128	574681	53.324	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	208965	53.166	ug/L	99

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

