

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031124\
 Data File : VW034547.D
 Acq On : 11 Mar 2024 16:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050285

Quant Time: Mar 12 01:34:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 01:30:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	312851	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	289237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	151652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	91819	33.855	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.720%
7) Chloroethane-d5	1.526	69	84487	39.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.980%
11) 1,1-Dichloroethene-d2	2.056	65	43953	35.835	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.660%
21) 2-Butanone-d5	3.780	46	213186	117.543	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.540%
24) Chloroform-d	4.246	84	220120	45.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.940	65	145353	46.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
32) Benzene-d6	4.957	84	380293	43.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.140%
36) 1,2-Dichloropropane-d6	5.989	67	126647	47.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.080%
41) Toluene-d8	7.243	98	336519	42.600	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.551	79	61953	46.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.620%
47) 2-Hexanone-d5	8.021	63	154348	116.026	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.030%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	180448	51.472	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.940%
66) 1,2-Dichlorobenzene-d4	11.561	152	138013	44.523	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	158651	48.346	ug/L	100
3) Chloromethane	1.214	50	155255	48.148	ug/L	97
5) Vinyl chloride	1.281	62	153249	48.960	ug/L	96
6) Bromomethane	1.478	94	94155	50.136	ug/L	99
8) Chloroethane	1.542	64	92293	49.609	ug/L	100
9) Trichlorofluoromethane	1.709	101	224833	47.966	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	120733	47.790	ug/L	98
12) 1,1-Dichloroethene	2.066	96	111682	47.674	ug/L	94
13) Acetone	2.108	43	175923	80.686	ug/L	99
14) Carbon disulfide	2.236	76	319130	49.086	ug/L	99
15) Methyl Acetate	2.368	43	158395	56.785	ug/L	99
16) Methylene chloride	2.445	84	129170	51.982	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	115216	50.814	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	427403	52.490	ug/L	99
19) 1,1-Dichloroethane	3.108	63	232473	52.339	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	127781	51.941	ug/L	95
22) 2-Butanone	3.860	43	215854	100.256	ug/L	99
23) Bromochloromethane	4.146	128	68247	53.648	ug/L	96
25) Chloroform	4.275	83	234729	50.986	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031124\
 Data File : VW034547.D
 Acq On : 11 Mar 2024 16:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050285

Quant Time: Mar 12 01:34:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 01:30:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	191275	51.138	ug/L	99
29) Cyclohexane	4.580	56	194019	50.998	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	214980	51.832	ug/L	99
31) Carbon tetrachloride	4.731	117	186658	50.831	ug/L	100
33) Benzene	5.008	78	472319	52.609	ug/L	100
34) Trichloroethene	5.831	95	130169	51.006	ug/L	97
35) Methylcyclohexane	6.050	83	200725	51.737	ug/L	99
37) 1,2-Dichloropropane	6.092	63	125963	53.590	ug/L	100
38) Bromodichloromethane	6.429	83	173383	52.441	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	208857	54.843	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	400275	115.488	ug/L	100
42) Toluene	7.313	91	495160	52.112	ug/L	97
44) trans-1,3-Dichloropropene	7.580	75	192777	52.633	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	121780	53.697	ug/L	99
46) Tetrachloroethene	7.905	164	97136	51.180	ug/L	97
48) 2-Hexanone	8.072	43	310173	112.307	ug/L	99
49) Dibromochloromethane	8.175	129	127473	53.263	ug/L	99
50) 1,2-Dibromoethane	8.281	107	127573	53.010	ug/L	98
51) Chlorobenzene	8.812	112	311507	50.712	ug/L	100
52) Ethylbenzene	8.944	91	543243	51.025	ug/L	100
53) m,p-Xylene	9.072	106	205127	50.772	ug/L	99
54) o-Xylene	9.477	106	203254	51.376	ug/L	96
55) Styrene	9.493	104	343745	51.318	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	180748	53.062	ug/L	99
59) Bromoform	9.664	173	85160	50.649	ug/L	100
60) Isopropylbenzene	9.866	105	551688	51.436	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	155344	53.662	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	465103	51.407	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	465791	52.053	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	250019	50.417	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	250487	49.740	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	248913	50.091	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	45989	53.331	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	185901	49.970	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	168844	50.439	ug/L	99
71) Naphthalene	13.439	128	487540	54.447	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	170743	52.285	ug/L	99

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

