

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029509.D
 Acq On : 09 Dec 2022 05:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050378

Quant Time: Dec 09 06:30:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	529973	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	487352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	264364	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	123697	38.115	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.240%
7) Chloroethane-d5	1.564	69	109000	44.046	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.100%
11) 1,1-Dichloroethene-d2	2.108	63	230983	45.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.260%
21) 2-Butanone-d5	3.870	46	210026	106.088	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.090%
24) Chloroform-d	4.339	84	280681	45.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	5.024	65	162958	46.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
32) Benzene-d6	5.043	84	574726	44.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.260%
36) 1,2-Dichloropropane-d6	6.063	67	177528	45.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.260%
41) Toluene-d8	7.307	98	533047	43.932	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.860%
43) trans-1,3-Dichloroprop...	7.612	79	74873	37.696	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.400%
47) 2-Hexanone-d5	8.082	63	180447	107.429	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.430%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	266166	47.353	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.700%
66) 1,2-Dichlorobenzene-d4	11.612	152	226605	45.029	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	197001	47.192	ug/L	99
3) Chloromethane	1.240	50	205404	43.156	ug/L	99
5) Vinyl chloride	1.310	62	201489	50.598	ug/L	100
6) Bromomethane	1.516	94	92448	57.697	ug/L	99
8) Chloroethane	1.581	64	114746	51.748	ug/L	100
9) Trichlorofluoromethane	1.751	101	244444	49.035	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	136476	49.269	ug/L	99
12) 1,1-Dichloroethene	2.118	96	143079	50.507	ug/L	92
13) Acetone	2.159	43	116470	90.308	ug/L	99
14) Carbon disulfide	2.291	76	443060	46.994	ug/L	99
15) Methyl Acetate	2.423	43	156713	53.334	ug/L	99
16) Methylene chloride	2.503	84	179651	51.005	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	162082	49.656	ug/L	94
18) Methyl tert-butyl Ether	2.764	73	511334	51.131	ug/L	99
19) 1,1-Dichloroethane	3.182	63	286081	51.161	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	188834	52.611	ug/L	95
22) 2-Butanone	3.953	43	208277	101.493	ug/L	96
23) Bromochloromethane	4.240	128	91479	49.496	ug/L	94
25) Chloroform	4.365	83	286863	49.484	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029509.D
 Acq On : 09 Dec 2022 05:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050378

Quant Time: Dec 09 06:30:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	209570	51.175	ug/L	100
29) Cyclohexane	4.670	56	260316	49.309	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	259372	48.849	ug/L	98
31) Carbon tetrachloride	4.822	117	217416	46.890	ug/L	99
33) Benzene	5.092	78	677552	49.323	ug/L	100
34) Trichloroethene	5.908	95	167571	48.680	ug/L	99
35) Methylcyclohexane	6.124	83	283301	48.457	ug/L	99
37) 1,2-Dichloropropane	6.166	63	161956	48.847	ug/L	99
38) Bromodichloromethane	6.503	83	215116	46.999	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	214686	39.371	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	428972	108.514	ug/L	98
42) Toluene	7.381	91	722759	48.882	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	206653	40.019	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	166979	48.748	ug/L	99
46) Tetrachloroethene	7.969	164	135690	49.028	ug/L	97
48) 2-Hexanone	8.133	43	321448	106.432	ug/L	98
49) Dibromochloromethane	8.236	129	175375	46.373	ug/L	100
50) 1,2-Dibromoethane	8.342	107	166965	47.313	ug/L	100
51) Chlorobenzene	8.873	112	469580	50.155	ug/L	99
52) Ethylbenzene	9.005	91	768443	49.434	ug/L	100
53) m,p-Xylene	9.130	106	302926	49.236	ug/L	99
54) o-Xylene	9.535	106	295634	48.578	ug/L	99
55) Styrene	9.551	104	526684	49.800	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	269564	49.197	ug/L	99
59) Bromoform	9.722	173	129823	44.455	ug/L	99
60) Isopropylbenzene	9.921	105	772715	49.784	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	206220	50.536	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	677936	49.399	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	681637	50.107	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	372707	49.111	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	380111	49.283	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	387013	49.870	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	57284	45.166	ug/L	99
69) 1,3,5-Trichlorobenzene	12.632	180	291594	48.281	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	266260	49.578	ug/L	100
71) Naphthalene	13.490	128	676470	55.531	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	264792	50.338	ug/L	100

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

