

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102521\
 Data File : VV023027.D
 Acq On : 25 Oct 2021 12:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050364

Quant Time: Oct 26 00:49:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 22 03:48:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	307046	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	299596	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	166744	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88306	46.502	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.000%		
7) Chloroethane-d5	1.568	69	59659	39.967	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.940%		
11) 1,1-Dichloroethene-d2	2.108	63	150359	40.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.320%		
21) 2-Butanone-d5	3.896	46	101556	97.157	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.160%		
24) Chloroform-d	4.349	84	174620	50.331	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.660%		
26) 1,2-Dichloroethane-d4	5.031	65	103354	51.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.700%		
32) Benzene-d6	5.050	84	338391	48.755	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.500%		
36) 1,2-Dichloropropane-d6	6.069	67	108339	50.705	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.400%		
41) Toluene-d8	7.317	98	314937	49.467	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.940%		
43) trans-1,3-Dichloroprop...	7.622	79	52759	52.189	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.380%		
47) 2-Hexanone-d5	8.092	63	94628	106.909	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.910%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	154263	51.921	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.840%		
66) 1,2-Dichlorobenzene-d4	11.625	152	132441	48.706	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	130498	42.497	ug/L	98
3) Chloromethane	1.240	50	130633	42.781	ug/L	100
5) Vinyl chloride	1.311	62	124899	43.152	ug/L	98
6) Bromomethane	1.523	94	89902	44.486	ug/L	99
8) Chloroethane	1.584	64	69275	39.244	ug/L	99
9) Trichlorofluoromethane	1.751	101	166104	41.783	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	88849	39.482	ug/L	96
12) 1,1-Dichloroethene	2.118	96	83683	39.016	ug/L	95
13) Acetone	2.191	43	128671m	97.448	ug/L	
14) Carbon disulfide	2.294	76	291285	44.958	ug/L	99
15) Methyl Acetate	2.436	43	105993	44.004	ug/L	100
16) Methylene chloride	2.507	84	129513	48.061	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	111657	47.424	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	357407	49.169	ug/L	99
19) 1,1-Dichloroethane	3.188	63	209880	50.379	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	121751	48.539	ug/L	95
22) 2-Butanone	3.979	43	130539	75.083	ug/L	93
23) Bromochloromethane	4.246	128	69079	50.128	ug/L	89
25) Chloroform	4.375	83	213309	50.883	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102521\
 Data File : VW023027.D
 Acq On : 25 Oct 2021 12:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050364

Quant Time: Oct 26 00:49:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 22 03:48:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	154592	50.926	ug/L	99
29) Cyclohexane	4.677	56	174317	49.918	ug/L	96
30) 1,1,1-Trichloroethane	4.609	97	179723	48.022	ug/L	99
31) Carbon tetrachloride	4.828	117	158655	48.255	ug/L	98
33) Benzene	5.098	78	466914	50.474	ug/L	100
34) Trichloroethene	5.912	95	118675	49.134	ug/L	98
35) Methylcyclohexane	6.130	83	183029	49.976	ug/L	96
37) 1,2-Dichloropropane	6.172	63	123815	52.277	ug/L	99
38) Bromodichloromethane	6.510	83	160844	52.282	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	186350	52.317	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	338866	101.826	ug/L	99
42) Toluene	7.387	91	501588	51.474	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	182766	53.293	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	125070	51.014	ug/L	99
46) Tetrachloroethene	7.976	164	97915	48.425	ug/L	99
48) 2-Hexanone	8.140	43	262952	103.310	ug/L	98
49) Dibromochloromethane	8.246	129	139154	52.448	ug/L	100
50) 1,2-Dibromoethane	8.352	107	134452	50.935	ug/L	96
51) Chlorobenzene	8.883	112	326211	50.330	ug/L	99
52) Ethylbenzene	9.011	91	522436	51.514	ug/L	100
53) m,p-Xylene	9.140	106	206997	51.516	ug/L	98
54) o-Xylene	9.545	106	205911	52.599	ug/L	97
55) Styrene	9.561	104	363735	54.143	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	195297	51.539	ug/L	99
59) Bromoform	9.731	173	103513	50.205	ug/L	99
60) Isopropylbenzene	9.931	105	525725	49.555	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	153621	48.444	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	438750	49.118	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	448857	50.547	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	266293	49.476	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	271029	48.487	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	271355	49.334	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	41298	47.533	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	202924	50.742	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	177967	49.488	ug/L	99
71) Naphthalene	13.503	128	585268	49.424	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	188807	50.797	ug/L	99

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

Quant Time: Oct 26 00:49:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 22 03:48:35 2021
Response via : Initial Calibration

