

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038384.D
 Acq On : 02 Dec 2024 09:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050317

Quant Time: Dec 02 21:23:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 21:19:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.522	114	541168	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	554096	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	307350	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	239996	53.075	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.140%			
7) Chloroethane-d5	1.529	69	197837	51.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.860%			
11) 1,1-Dichloroethene-d2	2.053	65	102912	53.682	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.360%			
21) 2-Butanone-d5	3.783	46	211307	98.196	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.200%			
24) Chloroform-d	4.233	84	437820	53.216	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.440%			
26) 1,2-Dichloroethane-d4	4.928	65	254292	52.356	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.720%			
32) Benzene-d6	4.944	84	845797	52.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.960%			
36) 1,2-Dichloropropane-d6	5.976	67	254724	51.313	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.620%			
41) Toluene-d8	7.230	98	786964	54.503	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.000%			
43) trans-1,3-Dichloroprop...	7.542	79	126283	52.599	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.200%			
47) 2-Hexanone-d5	8.018	63	144253	95.156	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.160%			
56) 1,1,2,2-Tetrachloroeth...	10.140	84	342817	49.379	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.760%			
66) 1,2-Dichlorobenzene-d4	11.548	152	301825	50.792	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	272784	54.885	ug/L	99
3) Chloromethane	1.214	50	265212	51.438	ug/L	99
5) Vinyl chloride	1.282	62	277764	52.817	ug/L	100
6) Bromomethane	1.484	94	159263	48.877	ug/L	99
8) Chloroethane	1.545	64	176102	52.920	ug/L	100
9) Trichlorofluoromethane	1.709	101	370216	53.376	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	220313	55.166	ug/L	99
12) 1,1-Dichloroethene	2.063	96	201361	52.943	ug/L	94
13) Acetone	2.121	43	370038	124.678	ug/L	99
14) Carbon disulfide	2.233	76	669230	53.465	ug/L	100
15) Methyl Acetate	2.371	43	188279	49.014	ug/L	97
16) Methylene chloride	2.439	84	234883	51.180	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	219642	52.960	ug/L	94
18) Methyl tert-butyl Ether	2.693	73	619504	51.718	ug/L	99
19) 1,1-Dichloroethane	3.098	63	405616	53.328	ug/L	98
20) cis-1,2-Dichloroethene	3.799	96	223342	51.206	ug/L	97
22) 2-Butanone	3.863	43	339493	120.372	ug/L	99
23) Bromochloromethane	4.133	128	126064	53.174	ug/L	97
25) Chloroform	4.259	83	415401	52.320	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038384.D
 Acq On : 02 Dec 2024 09:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050317

Quant Time: Dec 02 21:23:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 21:19:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.027	62	300292	51.849	ug/L	98
29) Cyclohexane	4.568	56	322572	54.187	ug/L	100
30) 1,1,1-Trichloroethane	4.497	97	366381	52.326	ug/L	98
31) Carbon tetrachloride	4.719	117	326300	53.027	ug/L	99
33) Benzene	4.995	78	885870	52.967	ug/L	100
34) Trichloroethene	5.822	95	229509	51.365	ug/L	99
35) Methylcyclohexane	6.037	83	357313	55.687	ug/L	99
37) 1,2-Dichloropropane	6.079	63	230881	53.093	ug/L	99
38) Bromodichloromethane	6.420	83	310074	51.377	ug/L	99
39) cis-1,3-Dichloropropene	6.940	75	346632	51.366	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	488499	100.369	ug/L	99
42) Toluene	7.304	91	953021	54.848	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	344732	52.881	ug/L	98
45) 1,1,2-Trichloroethane	7.757	97	232642	51.561	ug/L	98
46) Tetrachloroethene	7.892	164	183550	53.210	ug/L	97
48) 2-Hexanone	8.066	43	451429	111.166	ug/L	99
49) Dibromochloromethane	8.165	129	245286	52.707	ug/L	99
50) 1,2-Dibromoethane	8.268	107	243158	51.136	ug/L	100
51) Chlorobenzene	8.802	112	622784	52.165	ug/L	99
52) Ethylbenzene	8.934	91	1021678	54.822	ug/L	99
53) m,p-Xylene	9.063	106	397171	56.226	ug/L	100
54) o-Xylene	9.468	106	380201	55.948	ug/L	99
55) Styrene	9.484	104	696810	58.406	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.165	83	341830	48.772	ug/L	98
59) Bromoform	9.654	173	163586	49.511	ug/L	99
60) Isopropylbenzene	9.857	105	1015182	54.014	ug/L	100
61) 1,2,3-Trichloropropane	10.198	75	256899	48.013	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	827139	54.848	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	832345	56.144	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	509437	52.806	ug/L	99
65) 1,4-Dichlorobenzene	11.198	146	525202	51.210	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	505686	51.414	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	64405	45.671	ug/L	99
69) 1,3,5-Trichlorobenzene	12.570	180	335826	51.036	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	275096	49.624	ug/L	99
71) Naphthalene	13.429	128	599761	39.906	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	265920	48.893	ug/L	99

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

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW120224\
Data File : VW038384.D
Acq On    : 02 Dec 2024  09:19
Operator  : SY/MD
Sample    : VSTDCCC050
Misc      : 5mL/MSVOA_V/WATER
ALS Vial  : 2   Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
VSTD050317

Quant Time: Dec 02 21:23:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 02 21:19:32 2024
Response via : Initial Calibration

