

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121223\
 Data File : VV033253.D
 Acq On : 12 Dec 2023 09:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050358

Quant Time: Dec 13 00:41:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	293382	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	287224	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	175366	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	89946	51.285	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.580%	
7) Chloroethane-d5	1.532	69	65013	53.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 106.400%	
11) 1,1-Dichloroethene-d2	2.060	65	35314	52.929	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 105.860%	
21) 2-Butanone-d5	3.783	46	82785	95.035	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 95.040%	
24) Chloroform-d	4.246	84	195673	52.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.140%	
26) 1,2-Dichloroethane-d4	4.941	65	123716	53.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.920%	
32) Benzene-d6	4.957	84	363798	54.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.320%	
36) 1,2-Dichloropropane-d6	5.986	67	93500	51.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 103.540%	
41) Toluene-d8	7.239	98	361644	56.435	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.880%	
43) trans-1,3-Dichloroprop...	7.551	79	55668	48.741	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 97.480%	
47) 2-Hexanone-d5	8.021	63	69410	95.658	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 95.660%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	136143	53.024	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 106.040%	
66) 1,2-Dichlorobenzene-d4	11.561	152	167456	53.669	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.340%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	156016	48.651	ug/L	100
3) Chloromethane	1.214	50	93856	44.375	ug/L	95
5) Vinyl chloride	1.285	62	101526	50.051	ug/L	98
6) Bromomethane	1.487	94	67572	51.051	ug/L	97
8) Chloroethane	1.548	64	54790	50.734	ug/L	100
9) Trichlorofluoromethane	1.712	101	181729	54.293	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	86403	54.971	ug/L	98
12) 1,1-Dichloroethene	2.069	96	81552	55.445	ug/L	97
13) Acetone	2.114	43	62999	75.756	ug/L	100
14) Carbon disulfide	2.240	76	245429	46.508	ug/L	100
15) Methyl Acetate	2.372	43	68415	49.360	ug/L	99
16) Methylene chloride	2.445	84	102225	52.486	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	97392	50.431	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	313391	53.419	ug/L	99
19) 1,1-Dichloroethane	3.108	63	164386	51.430	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	111322	54.326	ug/L	97
22) 2-Butanone	3.867	43	91989	86.922	ug/L	100
23) Bromochloromethane	4.146	128	61822	52.543	ug/L	96
25) Chloroform	4.272	83	197955	53.850	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121223\
 Data File : VV033253.D
 Acq On : 12 Dec 2023 09:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050358

Quant Time: Dec 13 00:41:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	155415	53.502	ug/L	99
29) Cyclohexane	4.580	56	132293	49.867	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	193202	54.428	ug/L	99
31) Carbon tetrachloride	4.735	117	181200	54.900	ug/L	100
33) Benzene	5.008	78	393293	54.035	ug/L	100
34) Trichloroethene	5.831	95	113696	52.287	ug/L	95
35) Methylcyclohexane	6.050	83	163924	51.942	ug/L	97
37) 1,2-Dichloropropane	6.092	63	90892	53.959	ug/L	99
38) Bromodichloromethane	6.429	83	150681	55.487	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	156646	51.249	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	187507	104.840	ug/L	97
42) Toluene	7.313	91	450176	54.887	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	160552	51.946	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	106388	54.471	ug/L	97
46) Tetrachloroethene	7.902	164	104161	55.723	ug/L	94
48) 2-Hexanone	8.072	43	144399	97.379	ug/L	97
49) Dibromochloromethane	8.175	129	130117	55.807	ug/L	100
50) 1,2-Dibromoethane	8.281	107	114776	55.120	ug/L	100
51) Chlorobenzene	8.812	112	313127	54.290	ug/L	98
52) Ethylbenzene	8.944	91	514088	54.455	ug/L	99
53) m,p-Xylene	9.072	106	209912	56.146	ug/L	93
54) o-Xylene	9.477	106	201936	54.737	ug/L	99
55) Styrene	9.493	104	362117	56.740	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	144862	54.287	ug/L	99
59) Bromoform	9.664	173	104162	54.727	ug/L	99
60) Isopropylbenzene	9.866	105	561860	55.566	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	116626	53.334	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	447025	54.872	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	468436	55.212	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	288604	53.425	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	293440	52.293	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	287132	54.218	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	34669	51.670	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	223584	51.671	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	208631	52.188	ug/L	99
71) Naphthalene	13.439	128	494096	50.680	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	205160	53.185	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121223\
Data File : VV033253.D
Acq On : 12 Dec 2023 09:18
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050358

Quant Time: Dec 13 00:41:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration

