

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011323\
 Data File : VX033713.D
 Acq On : 13 Jan 2023 09:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050614

Quant Time: Jan 14 01:54:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 28 01:59:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	274911	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245532	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	132320	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73775	54.813	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	109.620%	
7) Chloroethane-d5	1.673	69	57217	45.135	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	90.260%	
11) 1,1-Dichloroethene-d2	2.307	63	111998	39.522	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	79.040%	
21) 2-Butanone-d5	4.465	46	116177	115.691	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	115.690%	
24) Chloroform-d	5.056	84	158853	44.378	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	88.760%	
26) 1,2-Dichloroethane-d4	5.952	65	100095	44.466	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	88.940%	
32) Benzene-d6	5.971	84	317532	47.377	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.760%	
36) 1,2-Dichloropropane-d6	7.306	67	97718	49.392	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	98.780%	
41) Toluene-d8	8.647	98	299979	45.318	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	90.640%	
43) trans-1,3-Dichloroprop...	8.946	79	43362	44.727	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	89.460%	
47) 2-Hexanone-d5	9.385	63	84989	112.713	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	112.710%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128306	46.871	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	93.740%	
66) 1,2-Dichlorobenzene-d4	12.317	152	122137	46.521	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	93.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	102210	53.322	ug/L	98
3) Chloromethane	1.295	50	98444	68.434	ug/L	98
5) Vinyl chloride	1.374	62	98479	62.205	ug/L	100
6) Bromomethane	1.618	94	47082	47.321	ug/L	95
8) Chloroethane	1.691	64	53995	49.304	ug/L	99
9) Trichlorofluoromethane	1.886	101	139008	58.066	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	62903	40.314	ug/L	99
12) 1,1-Dichloroethene	2.319	96	56169	39.520	ug/L	89
13) Acetone	2.398	43	59488	81.969	ug/L	95
14) Carbon disulfide	2.514	76	158042	35.815	ug/L	100
15) Methyl Acetate	2.703	43	65394	49.148	ug/L	94
16) Methylene chloride	2.788	84	63385	40.816	ug/L	87
17) trans-1,2-Dichloroethene	3.093	96	85521	53.255	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	260681	54.812	ug/L	98
19) 1,1-Dichloroethane	3.605	63	153326	53.294	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	95384	51.080	ug/L	92
22) 2-Butanone	4.562	43	133174	121.069	ug/L	95
23) Bromochloromethane	4.898	128	51451	52.172	ug/L	93
25) Chloroform	5.087	83	159115	48.297	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011323\
 Data File : VX033713.D
 Acq On : 13 Jan 2023 09:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050614

Quant Time: Jan 14 01:54:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 28 01:59:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	126789	49.475	ug/L #	94
29) Cyclohexane	5.471	56	152138	57.954	ug/L	95
30) 1,1,1-Trichloroethane	5.379	97	138097	45.714	ug/L	98
31) Carbon tetrachloride	5.678	117	126613	45.432	ug/L	99
33) Benzene	6.038	78	353523	52.325	ug/L	100
34) Trichloroethene	7.123	95	92219	49.533	ug/L	93
35) Methylcyclohexane	7.379	83	158159	53.315	ug/L	93
37) 1,2-Dichloropropane	7.428	63	90098	54.651	ug/L	99
38) Bromodichloromethane	7.818	83	120655	47.437	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	136794	51.719	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	255926	127.703	ug/L	97
42) Toluene	8.714	91	386456	50.879	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	129576	50.706	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	90163	51.138	ug/L	99
46) Tetrachloroethene	9.269	164	85949	55.282	ug/L	94
48) 2-Hexanone	9.427	43	191914	124.099	ug/L	99
49) Dibromochloromethane	9.519	129	104293	47.732	ug/L	98
50) 1,2-Dibromoethane	9.610	107	96811	50.267	ug/L #	99
51) Chlorobenzene	10.080	112	255359	51.036	ug/L	99
52) Ethylbenzene	10.195	91	424929	51.186	ug/L	99
53) m,p-Xylene	10.299	106	169853	51.647	ug/L	94
54) o-Xylene	10.640	106	166720	51.392	ug/L	95
55) Styrene	10.653	104	284258	52.393	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	133986	50.714	ug/L	98
59) Bromoform	10.799	173	78171	46.110	ug/L #	99
60) Isopropylbenzene	10.964	105	433960	48.407	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	104168	49.108	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	375115	49.937	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	368330	49.831	ug/L	96
64) 1,3-Dichlorobenzene	11.970	146	207919	51.649	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	207119	50.540	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	202068	50.215	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	27927	46.126	ug/L	83
69) 1,3,5-Trichlorobenzene	13.110	180	161654	57.252	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	108477	43.106	ug/L	99
71) Naphthalene	13.774	128	328635	40.989	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	110305	43.739	ug/L	99

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

