

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039277.D
 Acq On : 16 Dec 2023 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050705

Quant Time: Dec 16 21:08:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	188116	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	178540	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	87977	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65103	44.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.240%
7) Chloroethane-d5	1.666	69	50552	46.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.700%
11) 1,1-Dichloroethene-d2	2.307	65	32439	50.085	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.160%
21) 2-Butanone-d5	4.446	46	149618	112.023	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.020%
24) Chloroform-d	5.056	84	141760	54.274	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.540%
26) 1,2-Dichloroethane-d4	5.952	65	94917	56.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.220%
32) Benzene-d6	5.971	84	267982	48.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.260%
36) 1,2-Dichloropropane-d6	7.306	67	89446	50.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.880%
41) Toluene-d8	8.647	98	238135	47.690	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.380%
43) trans-1,3-Dichloroprop...	8.952	79	40827	45.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.480%
47) 2-Hexanone-d5	9.385	63	109211	103.116	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.120%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	134119	53.316	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.640%
66) 1,2-Dichlorobenzene-d4	12.317	152	85528	51.432	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	80983	53.982	ug/L	99
3) Chloromethane	1.295	50	80058	51.057	ug/L	95
5) Vinyl chloride	1.374	62	77147	49.920	ug/L	99
6) Bromomethane	1.605	94	45457	54.495	ug/L	97
8) Chloroethane	1.685	64	42915	49.119	ug/L	98
9) Trichlorofluoromethane	1.886	101	107658	53.752	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	68676	53.305	ug/L	99
12) 1,1-Dichloroethene	2.319	96	64442	53.176	ug/L	95
13) Acetone	2.374	43	87917	68.521	ug/L	97
14) Carbon disulfide	2.514	76	191180	49.576	ug/L	99
15) Methyl Acetate	2.703	43	97948	53.408	ug/L	98
16) Methylene chloride	2.788	84	74324	53.380	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	67212	52.638	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	239161	53.810	ug/L	98
19) 1,1-Dichloroethane	3.611	63	134620	53.321	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	76923	51.939	ug/L	96
22) 2-Butanone	4.550	43	141352	89.767	ug/L	99
23) Bromochloromethane	4.898	128	35892	51.554	ug/L	97
25) Chloroform	5.093	83	139212	55.282	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039277.D
 Acq On : 16 Dec 2023 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050705

Quant Time: Dec 16 21:08:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	114164	57.440	ug/L #	94
29) Cyclohexane	5.471	56	122918	49.215	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	115213	53.185	ug/L	98
31) Carbon tetrachloride	5.678	117	92140	50.981	ug/L	99
33) Benzene	6.038	78	284966	50.224	ug/L	100
34) Trichloroethene	7.123	95	76608	51.090	ug/L	93
35) Methylcyclohexane	7.379	83	119607	47.895	ug/L	98
37) 1,2-Dichloropropane	7.428	63	77365	49.165	ug/L	100
38) Bromodichloromethane	7.818	83	99232	51.847	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	118998	47.415	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	270289	102.488	ug/L	98
42) Toluene	8.720	91	299724	49.815	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	110902	47.618	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	75030	52.030	ug/L	97
46) Tetrachloroethene	9.275	164	50024	50.573	ug/L	97
48) 2-Hexanone	9.427	43	216736	98.191	ug/L	97
49) Dibromochloromethane	9.519	129	70277	50.024	ug/L	99
50) 1,2-Dibromoethane	9.610	107	78503	50.813	ug/L #	99
51) Chlorobenzene	10.080	112	187273	50.390	ug/L	95
52) Ethylbenzene	10.195	91	345599	51.380	ug/L	100
53) m,p-Xylene	10.299	106	126682	50.372	ug/L	96
54) o-Xylene	10.640	106	121368	50.294	ug/L	96
55) Styrene	10.653	104	212167	51.384	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.214	83	128933	51.231	ug/L	97
59) Bromoform	10.799	173	48751	47.149	ug/L	99
60) Isopropylbenzene	10.964	105	335335	52.163	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	102138	52.997	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	284064	52.340	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	276840	52.020	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	140716	51.141	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	140221	50.290	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	135756	51.578	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	31486	52.348	ug/L	98
69) 1,3,5-Trichlorobenzene	13.110	180	89903	49.406	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	85405	49.786	ug/L	98
71) Naphthalene	13.774	128	306249	52.055	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	84266	50.732	ug/L	98

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

