

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039106.D
 Acq On : 08 Dec 2023 15:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050699

Quant Time: Dec 09 03:36:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:19:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	249868	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233128	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	115203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91636	46.757	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.520%
7) Chloroethane-d5	1.666	69	68706	47.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.860%
11) 1,1-Dichloroethene-d2	2.307	65	40393	46.953	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.900%
21) 2-Butanone-d5	4.446	46	182844	103.067	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.070%
24) Chloroform-d	5.050	84	175686	50.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.280%
26) 1,2-Dichloroethane-d4	5.952	65	111578	49.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.320%
32) Benzene-d6	5.971	84	351933	48.915	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.820%
36) 1,2-Dichloropropane-d6	7.306	67	116123	50.152	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.300%
41) Toluene-d8	8.647	98	312894	47.989	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.980%
43) trans-1,3-Dichloroprop...	8.946	79	57338	48.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.320%
47) 2-Hexanone-d5	9.378	63	143118	103.489	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.490%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	171056	52.077	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.160%
66) 1,2-Dichlorobenzene-d4	12.317	152	107792	49.502	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	98960	49.662	ug/L	100
3) Chloromethane	1.295	50	103193	49.546	ug/L	97
5) Vinyl chloride	1.374	62	100284	48.854	ug/L	99
6) Bromomethane	1.605	94	59526	53.725	ug/L	99
8) Chloroethane	1.691	64	57714	49.732	ug/L	93
9) Trichlorofluoromethane	1.886	101	130066	48.890	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	83860	49.004	ug/L	98
12) 1,1-Dichloroethene	2.319	96	80954	50.292	ug/L	90
13) Acetone	2.374	43	140161	82.241	ug/L	99
14) Carbon disulfide	2.514	76	248397	48.494	ug/L	100
15) Methyl Acetate	2.697	43	125854	51.665	ug/L	100
16) Methylene chloride	2.788	84	92651	50.098	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	85162	50.213	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	301756	51.115	ug/L	99
19) 1,1-Dichloroethane	3.605	63	169718	50.609	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	99555	50.608	ug/L	99
22) 2-Butanone	4.544	43	202446	96.792	ug/L	99
23) Bromochloromethane	4.898	128	46618	50.412	ug/L	97
25) Chloroform	5.087	83	170524	50.980	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	137154	51.952	ug/L	97
29) Cyclohexane	5.471	56	157066	48.162	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	141169	49.908	ug/L	100
31) Carbon tetrachloride	5.672	117	114979	48.721	ug/L	99
33) Benzene	6.038	78	378894	51.142	ug/L	100
34) Trichloroethene	7.123	95	98463	50.290	ug/L	97
35) Methylcyclohexane	7.379	83	152081	46.639	ug/L	98
37) 1,2-Dichloropropane	7.428	63	106709	51.934	ug/L	100
38) Bromodichloromethane	7.818	83	126767	50.725	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	161756	49.360	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	357603	103.846	ug/L	99
42) Toluene	8.714	91	392051	49.903	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	154361	50.758	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	96611	51.308	ug/L	98
46) Tetrachloroethene	9.275	164	64382	49.848	ug/L	98
48) 2-Hexanone	9.427	43	284071	98.562	ug/L	100
49) Dibromochloromethane	9.519	129	95142	51.865	ug/L	97
50) 1,2-Dibromoethane	9.610	107	104586	51.845	ug/L	100
51) Chlorobenzene	10.080	112	243019	50.078	ug/L	99
52) Ethylbenzene	10.195	91	439242	50.011	ug/L	99
53) m,p-Xylene	10.299	106	159366	48.530	ug/L	99
54) o-Xylene	10.640	106	158600	50.333	ug/L	98
55) Styrene	10.653	104	272330	50.511	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	170292	51.821	ug/L	98
59) Bromoform	10.799	173	69185	51.099	ug/L	99
60) Isopropylbenzene	10.964	105	422660	50.209	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	130669	51.778	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	353571	49.751	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	348692	50.037	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	181170	50.282	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	181709	49.768	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	174002	50.485	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	39851	50.597	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	118157	49.587	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	109428	48.715	ug/L	99
71) Naphthalene	13.774	128	395519	51.341	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	107750	49.539	ug/L	99

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

