

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071323\
 Data File : VX036517.D
 Acq On : 13 Jul 2023 09:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050695

Quant Time: Jul 14 07:33:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 05:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	287940	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	262134	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	134462	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	110979	54.034	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.060%
7) Chloroethane-d5	1.666	69	103117	45.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.307	65	46606	53.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.360%
21) 2-Butanone-d5	4.446	46	156330	108.984	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.980%
24) Chloroform-d	5.056	84	191066	51.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.460%
26) 1,2-Dichloroethane-d4	5.952	65	130547	51.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.500%
32) Benzene-d6	5.971	84	392550	52.896	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	7.306	67	126104	53.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.220%
41) Toluene-d8	8.647	98	372414	52.568	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.140%
43) trans-1,3-Dichloroprop...	8.946	79	59932	53.510	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.020%
47) 2-Hexanone-d5	9.385	63	114038	110.217	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.220%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	168389	54.408	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.820%
66) 1,2-Dichlorobenzene-d4	12.317	152	134173	52.528	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	121253	60.373	ug/L	100
3) Chloromethane	1.295	50	129676	54.613	ug/L	99
5) Vinyl chloride	1.374	62	139650	56.701	ug/L	100
6) Bromomethane	1.612	94	134532	57.810	ug/L	99
8) Chloroethane	1.685	64	93460	51.825	ug/L	97
9) Trichlorofluoromethane	1.886	101	229604	58.913	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	111204	60.244	ug/L	100
12) 1,1-Dichloroethene	2.319	96	100660	55.766	ug/L	96
13) Acetone	2.380	43	114581	105.328	ug/L	100
14) Carbon disulfide	2.514	76	273153	56.423	ug/L	98
15) Methyl Acetate	2.703	43	117057	54.122	ug/L	98
16) Methylene chloride	2.788	84	107492	53.970	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	100155	55.088	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	336803	53.284	ug/L	100
19) 1,1-Dichloroethane	3.605	63	191484	53.829	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	114523	53.896	ug/L	97
22) 2-Butanone	4.550	43	170331	107.663	ug/L	98
23) Bromochloromethane	4.891	128	58427	55.010	ug/L	95
25) Chloroform	5.087	83	212249	56.816	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	162434	54.968	ug/L	98
29) Cyclohexane	5.471	56	175646	60.599	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	170159	55.855	ug/L	98
31) Carbon tetrachloride	5.678	117	150018	58.760	ug/L	100
33) Benzene	6.031	78	421662	55.089	ug/L	100
34) Trichloroethene	7.123	95	117258	56.167	ug/L	93
35) Methylcyclohexane	7.379	83	188482	61.991	ug/L	100
37) 1,2-Dichloropropane	7.428	63	117303	55.742	ug/L	99
38) Bromodichloromethane	7.818	83	146039	55.653	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	184308	55.584	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	323382	110.252	ug/L	100
42) Toluene	8.714	91	458829	56.345	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	172753	56.579	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	111776	55.886	ug/L	98
46) Tetrachloroethene	9.275	164	86725	58.466	ug/L	97
48) 2-Hexanone	9.427	43	254835	111.176	ug/L	99
49) Dibromochloromethane	9.519	129	113363	56.458	ug/L	97
50) 1,2-Dibromoethane	9.610	107	119078	55.543	ug/L	94
51) Chlorobenzene	10.080	112	296823	56.063	ug/L	100
52) Ethylbenzene	10.189	91	511541	57.081	ug/L	100
53) m,p-Xylene	10.299	106	196035	57.329	ug/L	98
54) o-Xylene	10.640	106	193157	56.958	ug/L	99
55) Styrene	10.653	104	319644	56.539	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	172222	55.433	ug/L	98
59) Bromoform	10.799	173	79827	54.316	ug/L	99
60) Isopropylbenzene	10.964	105	511866	56.630	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	135482	53.373	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	431285	57.090	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	425412	56.141	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	224780	55.586	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	222818	54.576	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	221361	55.173	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	37908	56.043	ug/L	87
69) 1,3,5-Trichlorobenzene	13.109	180	155411	57.919	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	143779	56.798	ug/L	100
71) Naphthalene	13.774	128	478565	55.409	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	141957	57.556	ug/L	97

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

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