

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036515.D
 Acq On : 12 Jul 2023 15:53
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050694

Quant Time: Jul 13 01:38:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 01:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	237096	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	215839	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	108531	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88837	52.529	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.060%
7) Chloroethane-d5	1.666	69	81685	43.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.920%
11) 1,1-Dichloroethene-d2	2.306	65	35726	49.509	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.020%
21) 2-Butanone-d5	4.446	46	157257	133.140	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.140%#
24) Chloroform-d	5.050	84	168544	54.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.760%
26) 1,2-Dichloroethane-d4	5.952	65	122488	58.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.780%
32) Benzene-d6	5.964	84	333713	54.613	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.220%
36) 1,2-Dichloropropane-d6	7.306	67	110653	57.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.260%
41) Toluene-d8	8.647	98	309489	53.055	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.120%
43) trans-1,3-Dichloroprop...	8.945	79	53007	57.478	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.960%
47) 2-Hexanone-d5	9.384	63	113131	132.792	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	132.790%#
56) 1,1,2,2-Tetrachloroeth...	11.189	84	160100	62.825	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	125.660%#
66) 1,2-Dichlorobenzene-d4	12.317	152	112831	54.727	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90178	54.529	ug/L	99
3) Chloromethane	1.294	50	111421	56.988	ug/L	99
5) Vinyl chloride	1.374	62	108879	53.687	ug/L	100
6) Bromomethane	1.605	94	102233	53.351	ug/L	100
8) Chloroethane	1.685	64	74445	50.133	ug/L	96
9) Trichlorofluoromethane	1.886	101	173074	53.932	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	84231	55.417	ug/L	100
12) 1,1-Dichloroethene	2.319	96	76569	51.516	ug/L	97
13) Acetone	2.380	43	102196	114.088	ug/L	99
14) Carbon disulfide	2.508	76	208529	52.311	ug/L	100
15) Methyl Acetate	2.703	43	117245	65.833	ug/L	99
16) Methylene chloride	2.788	84	93615	57.082	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	80841	54.000	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	323970	62.244	ug/L	100
19) 1,1-Dichloroethane	3.605	63	163741	55.901	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	99778	57.027	ug/L	98
22) 2-Butanone	4.550	43	162861	125.016	ug/L	99
23) Bromochloromethane	4.891	128	52930	60.521	ug/L	91
25) Chloroform	5.086	83	182319	59.270	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	151065	62.084	ug/L	100
29) Cyclohexane	5.470	56	131693	55.180	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	135849	54.157	ug/L	100
31) Carbon tetrachloride	5.672	117	113825	54.146	ug/L	100
33) Benzene	6.031	78	355795	56.454	ug/L	100
34) Trichloroethene	7.123	95	92270	53.678	ug/L	92
35) Methylcyclohexane	7.379	83	144390	57.675	ug/L	99
37) 1,2-Dichloropropane	7.427	63	100320	57.897	ug/L	99
38) Bromodichloromethane	7.818	83	128247	59.355	ug/L	94
39) cis-1,3-Dichloropropene	8.360	75	157851	57.816	ug/L	96
40) 4-Methyl-2-pentanone	8.567	43	323084	133.776	ug/L	100
42) Toluene	8.714	91	368563	54.968	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	149367	59.413	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	103395	62.784	ug/L	97
46) Tetrachloroethene	9.269	164	67543	55.301	ug/L	98
48) 2-Hexanone	9.427	43	250130	132.529	ug/L	99
49) Dibromochloromethane	9.519	129	102957	62.274	ug/L	97
50) 1,2-Dibromoethane	9.610	107	111239	63.015	ug/L	99
51) Chlorobenzene	10.079	112	240578	55.185	ug/L	100
52) Ethylbenzene	10.189	91	399011	54.074	ug/L	99
53) m,p-Xylene	10.299	106	156504	55.586	ug/L	97
54) o-Xylene	10.640	106	155242	55.596	ug/L	100
55) Styrene	10.652	104	260368	55.932	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	163125	63.766	ug/L	97
59) Bromoform	10.799	173	74492	62.796	ug/L	99
60) Isopropylbenzene	10.963	105	402666	55.192	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	131531	64.197	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	341927	56.075	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	337998	55.262	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	181763	55.688	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	183235	55.604	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	186459	57.578	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	36128	66.173	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	127396	58.822	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	118918	58.201	ug/L	98
71) Naphthalene	13.774	128	445084	63.845	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	121562	61.063	ug/L	99

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

