

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020323\
 Data File : VX034000.D
 Acq On : 03 Feb 2023 08:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050616

Quant Time: Feb 04 03:13:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 04:22:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	225369	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	195916	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	108215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68604	45.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.420%
7) Chloroethane-d5	1.666	69	47688	52.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.680%
11) 1,1-Dichloroethene-d2	2.306	63	136243	49.539	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.080%
21) 2-Butanone-d5	4.446	46	87531	101.717	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.720%
24) Chloroform-d	5.050	84	136799	50.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.620%
26) 1,2-Dichloroethane-d4	5.946	65	81314	50.056	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.120%
32) Benzene-d6	5.964	84	279667	49.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	7.306	67	83715	50.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.840%
41) Toluene-d8	8.647	98	263942	49.544	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.080%
43) trans-1,3-Dichloroprop...	8.946	79	38352	50.900	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.800%
47) 2-Hexanone-d5	9.378	63	64679	103.881	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.880%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	106633	51.218	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.440%
66) 1,2-Dichlorobenzene-d4	12.317	152	109467	50.539	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	87058	51.923	ug/L	99
3) Chloromethane	1.294	50	77338	50.534	ug/L	99
5) Vinyl chloride	1.374	62	78694	50.851	ug/L	98
6) Bromomethane	1.611	94	38179	47.576	ug/L	99
8) Chloroethane	1.691	64	42489	51.647	ug/L	98
9) Trichlorofluoromethane	1.892	101	113920	51.937	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	79948	52.707	ug/L	98
12) 1,1-Dichloroethene	2.319	96	72401	52.178	ug/L	87
13) Acetone	2.374	43	94087	106.274	ug/L	98
14) Carbon disulfide	2.514	76	202641	53.957	ug/L	100
15) Methyl Acetate	2.697	43	72363	51.305	ug/L	99
16) Methylene chloride	2.788	84	77049	52.436	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	76146	53.160	ug/L	97
18) Methyl tert-butyl Ether	3.105	73	221304	53.063	ug/L	100
19) 1,1-Dichloroethane	3.605	63	132926	53.173	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	86101	52.599	ug/L	99
22) 2-Butanone	4.544	43	118309	107.555	ug/L	98
23) Bromochloromethane	4.891	128	47482	52.839	ug/L	97
25) Chloroform	5.086	83	138469	53.639	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	105480	53.237	ug/L	99
29) Cyclohexane	5.464	56	124974	52.155	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	119183	53.822	ug/L	99
31) Carbon tetrachloride	5.672	117	111298	54.024	ug/L	99
33) Benzene	6.031	78	307617	52.802	ug/L	100
34) Trichloroethene	7.123	95	83383	52.811	ug/L	98
35) Methylcyclohexane	7.379	83	136359	54.161	ug/L	99
37) 1,2-Dichloropropane	7.428	63	79289	53.436	ug/L	100
38) Bromodichloromethane	7.818	83	102042	54.084	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	125875	55.269	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	194941	106.758	ug/L	100
42) Toluene	8.714	91	333159	53.460	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	111850	55.190	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	81873	54.508	ug/L	98
46) Tetrachloroethene	9.269	164	81075	53.483	ug/L	97
48) 2-Hexanone	9.427	43	154611	106.248	ug/L	99
49) Dibromochloromethane	9.519	129	89534	55.246	ug/L	99
50) 1,2-Dibromoethane	9.604	107	86421	53.541	ug/L	98
51) Chlorobenzene	10.079	112	225161	53.479	ug/L	99
52) Ethylbenzene	10.189	91	371269	54.210	ug/L	98
53) m,p-Xylene	10.299	106	148938	54.176	ug/L	99
54) o-Xylene	10.640	106	144346	54.348	ug/L	98
55) Styrene	10.653	104	244770	54.934	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	112235	53.152	ug/L	98
59) Bromoform	10.799	173	72052	54.710	ug/L	99
60) Isopropylbenzene	10.963	105	385334	54.504	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	85452	52.015	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	321551	55.567	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	315362	55.290	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	188453	53.608	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	189485	53.259	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	180270	52.443	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	21214	52.706	ug/L	88
69) 1,3,5-Trichlorobenzene	13.109	180	145447	54.862	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	133535	55.485	ug/L	98
71) Naphthalene	13.774	128	364296	54.675	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	129118	54.346	ug/L	100

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

