

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039128.D
 Acq On : 11 Dec 2023 09:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050701

Quant Time: Dec 12 03:48:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 09 03:39:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	297932	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	270900	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	132947	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91545	39.175	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.360%
7) Chloroethane-d5	1.666	69	69413	40.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.380%
11) 1,1-Dichloroethene-d2	2.307	65	43425	42.334	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.660%
21) 2-Butanone-d5	4.440	46	182487	86.271	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.270%
24) Chloroform-d	5.050	84	184226	44.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.060%
26) 1,2-Dichloroethane-d4	5.946	65	118162	44.106	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.220%
32) Benzene-d6	5.964	84	358432	42.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.740%
36) 1,2-Dichloropropane-d6	7.300	67	119672	44.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.960%
41) Toluene-d8	8.647	98	317908	41.959	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.920%
43) trans-1,3-Dichloroprop...	8.946	79	60736	44.359	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.720%
47) 2-Hexanone-d5	9.378	63	140411	87.375	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.370%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	171372	44.899	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.317	152	109827	43.705	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	110839	46.650	ug/L	100
3) Chloromethane	1.295	50	114791	46.224	ug/L	97
5) Vinyl chloride	1.374	62	112724	46.055	ug/L	98
6) Bromomethane	1.612	94	66939	50.669	ug/L	98
8) Chloroethane	1.691	64	63991	46.246	ug/L	96
9) Trichlorofluoromethane	1.892	101	151808	47.857	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	102534	50.251	ug/L	99
12) 1,1-Dichloroethene	2.319	96	94314	49.139	ug/L	90
13) Acetone	2.374	43	208707	102.706	ug/L	98
14) Carbon disulfide	2.514	76	291638	47.751	ug/L	100
15) Methyl Acetate	2.697	43	138118	47.552	ug/L	99
16) Methylene chloride	2.788	84	105410	47.802	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	98744	48.829	ug/L	96
18) Methyl tert-butyl Ether	3.105	73	344136	48.889	ug/L	99
19) 1,1-Dichloroethane	3.605	63	192906	48.244	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	112527	47.974	ug/L	96
22) 2-Butanone	4.544	43	243881	97.791	ug/L	100
23) Bromochloromethane	4.898	128	52991	48.059	ug/L	91
25) Chloroform	5.080	83	192058	48.155	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	154905	49.210	ug/L	96
29) Cyclohexane	5.465	56	187439	49.462	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	163919	49.871	ug/L	98
31) Carbon tetrachloride	5.672	117	138162	50.382	ug/L	99
33) Benzene	6.032	78	418980	48.668	ug/L	100
34) Trichloroethene	7.117	95	113036	49.683	ug/L	97
35) Methylcyclohexane	7.373	83	183033	48.304	ug/L	98
37) 1,2-Dichloropropane	7.428	63	117105	49.047	ug/L	100
38) Bromodichloromethane	7.818	83	145682	50.166	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	189386	49.734	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	379051	94.726	ug/L	99
42) Toluene	8.714	91	440709	48.275	ug/L	99
44) trans-1,3-Dichloropropene	8.970	75	178363	50.473	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	106961	48.884	ug/L	98
46) Tetrachloroethene	9.269	164	73373	48.888	ug/L	97
48) 2-Hexanone	9.427	43	320181	95.601	ug/L	99
49) Dibromochloromethane	9.519	129	105741	49.606	ug/L	98
50) 1,2-Dibromoethane	9.604	107	114349	48.781	ug/L	97
51) Chlorobenzene	10.073	112	270211	47.918	ug/L	96
52) Ethylbenzene	10.189	91	493766	48.380	ug/L	99
53) m,p-Xylene	10.299	106	178873	46.876	ug/L	99
54) o-Xylene	10.640	106	177068	48.359	ug/L	98
55) Styrene	10.653	104	303369	48.422	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	179270	46.947	ug/L	99
59) Bromoform	10.799	173	77280	49.460	ug/L	100
60) Isopropylbenzene	10.957	105	476360	49.036	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	139679	47.961	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	405074	49.390	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	396480	49.301	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	202183	48.625	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	204515	48.538	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	192709	48.450	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	43749	48.133	ug/L	96
69) 1,3,5-Trichlorobenzene	13.110	180	135138	49.144	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	126377	48.751	ug/L	98
71) Naphthalene	13.774	128	426220	47.942	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	119955	47.790	ug/L	98

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

