

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037936.D
 Acq On : 27 Sep 2023 20:45
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX092723

Quant Time: Sep 28 06:12:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	101	0.00
2 M	Dichlorodifluoromethane	20.000	20.392	-2.0	105	0.00
3 M	Chloromethane	20.000	20.807	-4.0	106	0.00
4 M	Vinyl Chloride	20.000	20.610	-3.0	105	0.00
5 M	Bromomethane	20.000	20.433	-2.2	100	0.00
6 M	Chloroethane	20.000	19.752	1.2	101	0.00
7 M	Trichlorofluoromethane	20.000	20.395	-2.0	103	0.00
8 T	Diethyl Ether	20.000	20.820	-4.1	108	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.280	-1.4	106	0.00
10 M	1,1-Dichloroethene	20.000	20.530	-2.7	105	0.00
11	Methyl Iodide	20.000	21.240	-6.2	113	0.00
12	Methyl Acetate	20.000	20.608	-3.0	104	0.00
13 M	Acrolein	100.000	93.912	6.1	95	0.00
14 M	Acrylonitrile	100.000	101.694	-1.7	104	0.00
15 M	Acetone	100.000	101.888	-1.9	102	0.00
16 M	Carbon Disulfide	20.000	20.807	-4.0	113	0.00
17	Allyl chloride	20.000	20.401	-2.0	106	0.00
18 M	Methylene Chloride	20.000	20.078	-0.4	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.655	-3.3	107	0.00
20 T	Diisopropyl ether	20.000	20.838	-4.2	106	0.00
21 M	1,1-Dichloroethane	20.000	20.559	-2.8	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.917	-4.6	108	0.00
23 M	tert-Butyl Alcohol	100.000	98.788	1.2	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.601	-3.0	106	0.00
25 M	Chloroform	20.000	20.589	-2.9	105	0.00
26	Cyclohexane	20.000	20.024	-0.1	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.678	1.1	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	20.379	-1.9	104	0.00
30 M	2-Butanone	100.000	100.959	-1.0	102	0.00
31	2,2-Dichloropropane	20.000	19.690	1.5	101	0.00
32 M	1,1,1-Trichloroethane	20.000	20.431	-2.2	105	0.00
33 M	Carbon Tetrachloride	20.000	20.530	-2.7	107	0.00
34 M	Benzene	20.000	20.733	-3.7	104	0.00
35	Methacrylonitrile	20.000	19.852	0.7	105	0.00
36 M	1,2-Dichloroethane	20.000	21.069	-5.3	106	0.00
37 M	Trichloroethene	20.000	21.074	-5.4	107	0.00
38	Methylcyclohexane	20.000	20.027	-0.1	104	0.00
39 M	1,2-Dichloropropane	20.000	20.637	-3.2	105	0.00
40	Dibromomethane	20.000	20.890	-4.5	108	0.00
41 M	Bromodichloromethane	20.000	20.191	-1.0	106	0.00
42 M	Vinyl Acetate	100.000	104.065	-4.1	105	0.00
43	Ethyl Acetate	20.000	20.938	-4.7	109	0.00
44	Isopropyl Acetate	20.000	20.526	-2.6	106	0.00
45 T	1,4-Dioxane	400.000	420.866	-5.2	108	0.00
46	Methyl methacrylate	20.000	20.516	-2.6	105	0.00
47	n-amyl Acetate	20.000	19.850	0.7	104	0.00
48 M	t-1,3-Dichloropropene	20.000	19.689	1.6	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.496	-2.5	108	0.00
50 M	1,1,2-Trichloroethane	20.000	20.772	-3.9	108	0.00
51	Ethyl methacrylate	20.000	20.314	-1.6	107	0.00
52	1,3-Dichloropropane	20.000	20.858	-4.3	106	0.00
53 M	Dibromochloromethane	20.000	20.129	-0.6	108	0.00
54 M	1,2-Dibromoethane	20.000	20.638	-3.2	105	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.630	-1.6	106	0.00
56 M	Bromoform	20.000	19.064	4.7	110	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.713	-3.7	102	0.00
59 M	2-Hexanone	100.000	102.785	-2.8	103	0.00
60 S	4-Bromofluorobenzene	30.000	29.600	1.3	103	0.00
61 M	Tetrachloroethene	20.000	20.868	-4.3	106	0.00
62 M	Toluene	20.000	20.767	-3.8	104	0.00
63 S	Toluene-d8	30.000	29.976	0.1	100	0.00
64 M	Chlorobenzene	20.000	21.090	-5.4	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.645	-3.2	106	0.00
66 M	Ethyl Benzene	20.000	20.784	-3.9	105	0.00
67 M	m/p-Xylenes	40.000	41.367	-3.4	105	0.00
68 M	o-Xylene	20.000	21.099	-5.5	108	0.00
69 M	Styrene	20.000	20.607	-3.0	107	0.00
70	Isopropylbenzene	20.000	20.769	-3.8	106	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.312	-1.6	103	0.00
72	1,2,3-Trichloropropane	20.000	20.491	-2.5	106	0.00
73	Bromobenzene	20.000	20.721	-3.6	109	0.00
74	n-propylbenzene	20.000	20.557	-2.8	104	0.00
75	2-Chlorotoluene	20.000	20.609	-3.0	106	0.00
76	1,3,5-Trimethylbenzene	20.000	20.599	-3.0	106	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.415	7.9	107	0.00
78	4-Chlorotoluene	20.000	20.534	-2.7	106	0.00
79	tert-butylbenzene	20.000	20.378	-1.9	105	0.00
80	1,2,4-Trimethylbenzene	20.000	20.686	-3.4	106	0.00
81	sec-Butylbenzene	20.000	20.413	-2.1	105	0.00
82	p-Isopropyltoluene	20.000	20.213	-1.1	105	0.00
83 M	1,3-Dichlorobenzene	20.000	20.508	-2.5	107	0.00
84 M	1,4-Dichlorobenzene	20.000	20.792	-4.0	108	0.00
85	n-Butylbenzene	20.000	19.992	0.0	106	0.00
86 T	Hexachloroethane	20.000	19.162	4.2	107	0.00
87 M	1,2-Dichlorobenzene	20.000	20.512	-2.6	105	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.208	-1.0	108	0.00
89	1,2,4-Trichlorobenzene	20.000	20.599	-3.0	108	0.00
90	Hexachlorobutadiene	20.000	19.966	0.2	106	0.00
91 M	Naphthalene	20.000	20.757	-3.8	105	0.00
92	1,2,3-Trichlorobenzene	20.000	20.731	-3.7	106	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0