

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034771.D
 Acq On : 28 Mar 2023 01:15
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032823

Quant Time: Mar 28 09:14:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	20.178	-0.9	106	0.00
3 M	Chloromethane	20.000	21.356	-6.8	104	0.00
4 M	Vinyl Chloride	20.000	20.470	-2.3	104	0.00
5 M	Bromomethane	20.000	21.916	-9.6	108	0.00
6 M	Chloroethane	20.000	20.298	-1.5	104	0.00
7 M	Trichlorofluoromethane	20.000	19.929	0.4	104	0.00
8 T	Diethyl Ether	20.000	21.095	-5.5	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.428	2.9	104	0.00
10 M	1,1-Dichloroethene	20.000	20.055	-0.3	105	0.00
11	Methyl Iodide	20.000	20.097	-0.5	107	0.00
12	Methyl Acetate	20.000	21.079	-5.4	106	0.00
13 M	Acrolein	100.000	100.273	-0.3	99	0.00
14 M	Acrylonitrile	100.000	105.964	-6.0	106	0.00
15 M	Acetone	100.000	108.954	-9.0	109	0.00
16 M	Carbon Disulfide	20.000	19.801	1.0	108	0.00
17	Allyl chloride	20.000	20.860	-4.3	109	0.00
18 M	Methylene Chloride	20.000	20.620	-3.1	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.259	-1.3	106	0.00
20 T	Diisopropyl ether	20.000	21.013	-5.1	106	0.00
21 M	1,1-Dichloroethane	20.000	21.092	-5.5	108	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.245	-1.2	104	0.00
23 M	tert-Butyl Alcohol	100.000	109.024	-9.0	109	0.02
24 M	Methyl tert-Butyl Ether	20.000	20.954	-4.8	107	0.00
25 M	Chloroform	20.000	20.523	-2.6	107	0.00
26	Cyclohexane	20.000	18.958	5.2	103	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.294	-4.3	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	19.117	4.4	106	0.00
30 M	2-Butanone	100.000	103.898	-3.9	106	0.00
31	2,2-Dichloropropane	20.000	18.715	6.4	103	0.00
32 M	1,1,1-Trichloroethane	20.000	19.452	2.7	107	0.00
33 M	Carbon Tetrachloride	20.000	18.968	5.2	108	0.00
34 M	Benzene	20.000	20.204	-1.0	105	0.00
35	Methacrylonitrile	20.000	20.130	-0.6	105	0.00
36 M	1,2-Dichloroethane	20.000	20.681	-3.4	110	0.00
37 M	Trichloroethene	20.000	19.670	1.6	107	0.00
38	Methylcyclohexane	20.000	18.453	7.7	102	0.00
39 M	1,2-Dichloropropane	20.000	19.850	0.7	104	0.00
40	Dibromomethane	20.000	20.214	-1.1	105	0.00
41 M	Bromodichloromethane	20.000	19.789	1.1	107	0.00
42 M	Vinyl Acetate	100.000	104.647	-4.6	107	0.00
43	Ethyl Acetate	20.000	21.283	-6.4	109	0.00
44	Isopropyl Acetate	20.000	20.102	-0.5	105	0.00
45 T	1,4-Dioxane	400.000	429.298	-7.3	105	0.02
46	Methyl methacrylate	20.000	20.278	-1.4	108	0.00
47	n-amyl Acetate	20.000	19.839	0.8	106	0.00
48 M	t-1,3-Dichloropropene	20.000	19.265	3.7	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.909	0.5	108	0.00
50 M	1,1,2-Trichloroethane	20.000	19.946	0.3	106	0.00
51	Ethyl methacrylate	20.000	20.087	-0.4	107	0.00
52	1,3-Dichloropropane	20.000	20.593	-3.0	108	0.00
53 M	Dibromochloromethane	20.000	19.718	1.4	110	0.00
54 M	1,2-Dibromoethane	20.000	20.299	-1.5	109	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.321	-3.3	105	0.00
56 M	Bromoform	20.000	18.350	8.2	109	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.969	-7.0	106	0.00
59 M	2-Hexanone	100.000	106.511	-6.5	107	0.00
60 S	4-Bromofluorobenzene	30.000	28.666	4.4	102	0.00
61 M	Tetrachloroethene	20.000	18.977	5.1	104	0.00
62 M	Toluene	20.000	20.112	-0.6	106	0.00
63 S	Toluene-d8	30.000	29.976	0.1	102	0.00
64 M	Chlorobenzene	20.000	19.838	0.8	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.041	-0.2	107	0.00
66 M	Ethyl Benzene	20.000	19.892	0.5	106	0.00
67 M	m/p-Xylenes	40.000	39.138	2.2	106	0.00
68 M	o-Xylene	20.000	19.920	0.4	106	0.00
69 M	Styrene	20.000	19.501	2.5	106	0.00
70	Isopropylbenzene	20.000	19.170	4.1	105	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.570	-2.9	105	0.00
72	1,2,3-Trichloropropane	20.000	22.149	-10.7	113	0.00
73	Bromobenzene	20.000	19.822	0.9	106	0.00
74	n-propylbenzene	20.000	19.102	4.5	105	0.00
75	2-Chlorotoluene	20.000	19.127	4.4	105	0.00
76	1,3,5-Trimethylbenzene	20.000	19.041	4.8	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.839	10.8	108	0.00
78	4-Chlorotoluene	20.000	19.314	3.4	108	0.00
79	tert-butylbenzene	20.000	19.028	4.9	105	0.00
80	1,2,4-Trimethylbenzene	20.000	19.193	4.0	106	0.00
81	sec-Butylbenzene	20.000	18.882	5.6	106	0.00
82	p-Isopropyltoluene	20.000	18.353	8.2	103	0.00
83 M	1,3-Dichlorobenzene	20.000	19.250	3.8	105	0.00
84 M	1,4-Dichlorobenzene	20.000	19.457	2.7	107	0.00
85	n-Butylbenzene	20.000	18.085	9.6	104	0.00
86 T	Hexachloroethane	20.000	17.944	10.3	113	0.00
87 M	1,2-Dichlorobenzene	20.000	19.564	2.2	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.751	1.2	115	0.00
89	1,2,4-Trichlorobenzene	20.000	19.414	2.9	108	0.00
90	Hexachlorobutadiene	20.000	19.317	3.4	108	0.00
91 M	Naphthalene	20.000	20.447	-2.2	108	0.00
92	1,2,3-Trichlorobenzene	20.000	19.923	0.4	107	0.00

(#) = Out of Range

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