

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039673.D
 Acq On : 09 Jan 2024 10:58
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 10 05:31:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jan 09 06:15:26 2024
 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	20.233	-1.2	102	0.00
3 M	Chloromethane	20.000	19.942	0.3	99	0.00
4 M	Vinyl Chloride	20.000	19.943	0.3	106	0.00
5 M	Bromomethane	20.000	19.577	2.1	102	0.00
6 M	Chloroethane	20.000	16.183	19.1	68	0.00
7 M	Trichlorofluoromethane	20.000	19.766	1.2	101	0.00
8 T	Diethyl Ether	20.000	19.531	2.3	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.242	-1.2	104	0.00
10 M	1,1-Dichloroethene	20.000	19.835	0.8	100	0.00
11	Methyl Iodide	20.000	19.563	2.2	101	0.00
12	Methyl Acetate	20.000	19.614	1.9	100	0.00
13 M	Acrolein	100.000	90.701	9.3	105	0.00
14 M	Acrylonitrile	100.000	95.891	4.1	97	0.00
15 M	Acetone	100.000	102.722	-2.7	106	0.00
16 M	Carbon Disulfide	20.000	19.540	2.3	100	0.00
17	Allyl chloride	20.000	19.772	1.1	102	0.00
18 M	Methylene Chloride	20.000	20.265	-1.3	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.182	-0.9	101	0.00
20 T	Diisopropyl ether	20.000	20.015	-0.1	102	0.00
21 M	1,1-Dichloroethane	20.000	19.937	0.3	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.477	2.6	99	0.00
23 M	tert-Butyl Alcohol	100.000	102.900	-2.9	99	0.02
24 M	Methyl tert-Butyl Ether	20.000	19.443	2.8	99	0.00
25 M	Chloroform	20.000	19.301	3.5	98	0.00
26	Cyclohexane	20.000	19.872	0.6	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.223	-4.1	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	18.993	5.0	103	0.00
30 M	2-Butanone	100.000	91.093	8.9	98	0.00
31	2,2-Dichloropropane	20.000	18.326	8.4	101	0.00
32 M	1,1,1-Trichloroethane	20.000	18.665	6.7	103	0.00
33 M	Carbon Tetrachloride	20.000	18.446	7.8	103	0.00
34 M	Benzene	20.000	18.643	6.8	102	0.00
35	Methacrylonitrile	20.000	16.814	15.9	92	0.00
36 M	1,2-Dichloroethane	20.000	18.297	8.5	103	0.00
37 M	Trichloroethene	20.000	18.712	6.4	103	0.00
38	Methylcyclohexane	20.000	18.560	7.2	101	0.00
39 M	1,2-Dichloropropane	20.000	18.345	8.3	102	0.00
40	Dibromomethane	20.000	18.677	6.6	104	0.00
41 M	Bromodichloromethane	20.000	18.263	8.7	102	0.00
42 M	Vinyl Acetate	100.000	92.372	7.6	100	0.00
43	Ethyl Acetate	20.000	17.160	14.2	91	0.00
44	Isopropyl Acetate	20.000	17.991	10.0	99	0.00
45 T	1,4-Dioxane	400.000	355.998	11.0	97	0.00
46	Methyl methacrylate	20.000	18.407	8.0	99	0.00
47	n-amyl Acetate	20.000	17.642	11.8	96	0.00
48 M	t-1,3-Dichloropropene	20.000	18.073	9.6	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.223	8.9	102	0.00
50 M	1,1,2-Trichloroethane	20.000	18.900	5.5	102	0.00
51	Ethyl methacrylate	20.000	18.108	9.5	98	0.00
52	1,3-Dichloropropane	20.000	18.379	8.1	102	0.00
53 M	Dibromochloromethane	20.000	18.692	6.5	104	0.00
54 M	1,2-Dibromoethane	20.000	18.986	5.1	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.843	10.2	99	0.00
56 M	Bromoform	20.000	16.888	15.6	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.381	6.6	97	0.00
59 M	2-Hexanone	100.000	93.090	6.9	97	0.00
60 S	4-Bromofluorobenzene	30.000	29.647	1.2	101	0.00
61 M	Tetrachloroethene	20.000	19.493	2.5	105	0.00
62 M	Toluene	20.000	19.208	4.0	101	0.00
63 S	Toluene-d8	30.000	30.670	-2.2	105	0.00
64 M	Chlorobenzene	20.000	19.065	4.7	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.703	6.5	100	0.00
66 M	Ethyl Benzene	20.000	19.225	3.9	101	0.00
67 M	m/p-Xylenes	40.000	38.966	2.6	101	0.00
68 M	o-Xylene	20.000	19.126	4.4	101	0.00
69 M	Styrene	20.000	19.249	3.8	101	0.00
70	Isopropylbenzene	20.000	19.509	2.5	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.932	5.3	100	0.00
72	1,2,3-Trichloropropane	20.000	18.716	6.4	99	0.00
73	Bromobenzene	20.000	18.987	5.1	101	0.00
74	n-propylbenzene	20.000	19.421	2.9	103	0.00
75	2-Chlorotoluene	20.000	19.094	4.5	101	0.00
76	1,3,5-Trimethylbenzene	20.000	19.163	4.2	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.490	12.6	100	0.00
78	4-Chlorotoluene	20.000	19.197	4.0	101	0.00
79	tert-butylbenzene	20.000	19.424	2.9	101	0.00
80	1,2,4-Trimethylbenzene	20.000	19.219	3.9	101	0.00
81	sec-Butylbenzene	20.000	19.212	3.9	101	0.00
82	p-Isopropyltoluene	20.000	19.107	4.5	102	0.00
83 M	1,3-Dichlorobenzene	20.000	18.726	6.4	100	0.00
84 M	1,4-Dichlorobenzene	20.000	18.986	5.1	102	0.00
85	n-Butylbenzene	20.000	18.835	5.8	103	0.00
86 T	Hexachloroethane	20.000	17.709	11.5	101	0.00
87 M	1,2-Dichlorobenzene	20.000	18.762	6.2	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.116	9.4	103	0.00
89	1,2,4-Trichlorobenzene	20.000	18.433	7.8	102	0.00
90	Hexachlorobutadiene	20.000	18.850	5.7	102	0.00
91 M	Naphthalene	20.000	18.702	6.5	100	0.00
92	1,2,3-Trichlorobenzene	20.000	18.722	6.4	102	0.00

(#) = Out of Range

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