

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\X033123\
 Data File : VX034864.D
 Acq On : 31 Mar 2023 09:32
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 01 03:35:12 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	90	-0.01
2 M	Dichlorodifluoromethane	20.000	23.348	-16.7	113	0.00
3 M	Chloromethane	20.000	20.856	-4.3	93	0.00
4 M	Vinyl Chloride	20.000	21.057	-5.3	98	0.00
5 M	Bromomethane	20.000	21.666	-8.3	98	0.00
6 M	Chloroethane	20.000	20.839	-4.2	98	0.00
7 M	Trichlorofluoromethane	20.000	21.951	-9.8	105	0.00
8 T	Diethyl Ether	20.000	20.730	-3.7	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.119	-10.6	108	0.00
10 M	1,1-Dichloroethene	20.000	20.353	-1.8	98	0.00
11	Methyl Iodide	20.000	19.734	1.3	96	0.00
12	Methyl Acetate	20.000	19.486	2.6	90	0.00
13 M	Acrolein	100.000	103.576	-3.6	94	0.00
14 M	Acrylonitrile	100.000	97.404	2.6	89	0.00
15 M	Acetone	100.000	124.861	-24.9	115	0.00
16 M	Carbon Disulfide	20.000	19.837	0.8	100	0.00
17	Allyl chloride	20.000	20.512	-2.6	98	0.00
18 M	Methylene Chloride	20.000	20.238	-1.2	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.843	-4.2	101	0.00
20 T	Diisopropyl ether	20.000	20.776	-3.9	96	0.00
21 M	1,1-Dichloroethane	20.000	20.818	-4.1	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.516	-2.6	97	0.00
23 M	tert-Butyl Alcohol	100.000	92.190	7.8	85	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.080	-0.4	94	0.00
25 M	Chloroform	20.000	20.376	-1.9	98	0.00
26	Cyclohexane	20.000	20.881	-4.4	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.084	-3.6	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	20.409	-2.0	105	0.00
30 M	2-Butanone	100.000	103.440	-3.4	98	0.00
31	2,2-Dichloropropane	20.000	20.861	-4.3	106	0.00
32 M	1,1,1-Trichloroethane	20.000	19.768	1.2	101	0.00
33 M	Carbon Tetrachloride	20.000	19.953	0.2	105	0.00
34 M	Benzene	20.000	19.801	1.0	96	0.00
35	Methacrylonitrile	20.000	18.723	6.4	91	0.00
36 M	1,2-Dichloroethane	20.000	18.966	5.2	93	0.00
37 M	Trichloroethene	20.000	20.143	-0.7	101	0.00
38	Methylcyclohexane	20.000	20.126	-0.6	103	0.00
39 M	1,2-Dichloropropane	20.000	19.984	0.1	97	0.00
40	Dibromomethane	20.000	19.233	3.8	92	0.00
41 M	Bromodichloromethane	20.000	19.579	2.1	98	0.00
42 M	Vinyl Acetate	100.000	99.283	0.7	94	0.00
43	Ethyl Acetate	20.000	19.799	1.0	94	-0.01
44	Isopropyl Acetate	20.000	18.442	7.8	89	0.00
45 T	1,4-Dioxane	400.000	378.162	5.5	86	0.00
46	Methyl methacrylate	20.000	18.802	6.0	93	0.00
47	n-amyl Acetate	20.000	18.574	7.1	92	0.00
48 M	t-1,3-Dichloropropene	20.000	19.064	4.7	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.484	2.6	98	0.00
50 M	1,1,2-Trichloroethane	20.000	19.548	2.3	96	0.00
51	Ethyl methacrylate	20.000	18.792	6.0	92	0.00
52	1,3-Dichloropropane	20.000	19.688	1.6	95	0.00
53 M	Dibromochloromethane	20.000	19.269	3.7	99	0.00
54 M	1,2-Dibromoethane	20.000	19.171	4.1	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.587	5.4	89	0.00
56 M	Bromoform	20.000	17.868	10.7	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.190	3.8	88	0.00
59 M	2-Hexanone	100.000	103.310	-3.3	96	0.00
60 S	4-Bromofluorobenzene	30.000	28.770	4.1	94	0.00
61 M	Tetrachloroethene	20.000	21.156	-5.8	107	0.00
62 M	Toluene	20.000	20.317	-1.6	99	0.00
63 S	Toluene-d8	30.000	30.145	-0.5	95	0.00
64 M	Chlorobenzene	20.000	20.363	-1.8	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.141	-0.7	99	0.00
66 M	Ethyl Benzene	20.000	20.474	-2.4	101	0.00
67 M	m/p-Xylenes	40.000	41.042	-2.6	103	0.00
68 M	o-Xylene	20.000	20.401	-2.0	100	0.00
69 M	Styrene	20.000	19.899	0.5	99	0.00
70	Isopropylbenzene	20.000	20.448	-2.2	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.139	4.3	90	0.00
72	1,2,3-Trichloropropane	20.000	17.686	11.6	84	0.00
73	Bromobenzene	20.000	20.112	-0.6	99	0.00
74	n-propylbenzene	20.000	20.587	-2.9	105	0.00
75	2-Chlorotoluene	20.000	19.934	0.3	101	0.00
76	1,3,5-Trimethylbenzene	20.000	20.029	-0.1	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.628	16.9	93	0.00
78	4-Chlorotoluene	20.000	20.523	-2.6	106	0.00
79	tert-butylbenzene	20.000	20.161	-0.8	103	0.00
80	1,2,4-Trimethylbenzene	20.000	20.422	-2.1	104	0.00
81	sec-Butylbenzene	20.000	20.354	-1.8	105	0.00
82	p-Isopropyltoluene	20.000	20.041	-0.2	104	0.00
83 M	1,3-Dichlorobenzene	20.000	19.817	0.9	99	0.00
84 M	1,4-Dichlorobenzene	20.000	20.489	-2.4	104	0.00
85	n-Butylbenzene	20.000	20.975	-4.9	111	0.00
86 T	Hexachloroethane	20.000	18.783	6.1	109	0.00
87 M	1,2-Dichlorobenzene	20.000	20.396	-2.0	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.042	9.8	97	0.00
89	1,2,4-Trichlorobenzene	20.000	20.056	-0.3	103	0.00
90	Hexachlorobutadiene	20.000	22.439	-12.2	116	0.00
91 M	Naphthalene	20.000	19.431	2.8	94	0.00
92	1,2,3-Trichlorobenzene	20.000	20.273	-1.4	101	0.00

(#) = Out of Range

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