

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053024\
 Data File : VX041691.D
 Acq On : 30 May 2024 16:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 31 05:30:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	19.827	0.9	96	0.00
3 M	Chloromethane	20.000	18.713	6.4	84	0.00
4 M	Vinyl Chloride	20.000	19.416	2.9	89	0.00
5 M	Bromomethane	20.000	19.997	0.0	95	0.00
6 M	Chloroethane	20.000	31.240	-56.2#	145	0.00
7 M	Trichlorofluoromethane	20.000	22.334	-11.7	101	0.00
8 T	Diethyl Ether	20.000	22.651	-13.3	107	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.351	-11.8	94	0.00
10 M	1,1-Dichloroethene	20.000	20.944	-4.7	88	0.00
11	Methyl Iodide	20.000	23.995	-20.0	109	0.00
12	Methyl Acetate	20.000	22.763	-13.8	102	0.00
13 M	Acrolein	100.000	63.640	36.4#	56	0.00
14 M	Acrylonitrile	100.000	102.657	-2.7	95	0.00
15 M	Acetone	100.000	126.303	-26.3#	107	0.00
16 M	Carbon Disulfide	20.000	18.721	6.4	89	0.00
17	Allyl chloride	20.000	20.620	-3.1	92	0.00
18 M	Methylene Chloride	20.000	20.997	-5.0	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.023	4.9	87	0.00
20 T	Diisopropyl ether	20.000	20.421	-2.1	93	0.00
21 M	1,1-Dichloroethane	20.000	19.962	0.2	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.864	0.7	93	0.00
23 M	tert-Butyl Alcohol	100.000	107.006	-7.0	99	-0.02
24 M	Methyl tert-Butyl Ether	20.000	20.093	-0.5	93	0.00
25 M	Chloroform	20.000	20.516	-2.6	94	0.00
26	Cyclohexane	20.000	19.117	4.4	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.280	-0.9	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	19.904	0.5	92	0.00
30 M	2-Butanone	100.000	102.813	-2.8	94	-0.01
31	2,2-Dichloropropane	20.000	20.176	-0.9	92	0.00
32 M	1,1,1-Trichloroethane	20.000	20.125	-0.6	93	0.00
33 M	Carbon Tetrachloride	20.000	20.172	-0.9	94	0.00
34 M	Benzene	20.000	20.143	-0.7	91	0.00
35	Methacrylonitrile	20.000	20.648	-3.2	94	-0.02
36 M	1,2-Dichloroethane	20.000	20.577	-2.9	93	-0.01
37 M	Trichloroethene	20.000	19.349	3.3	89	0.00
38	Methylcyclohexane	20.000	19.404	3.0	89	0.00
39 M	1,2-Dichloropropane	20.000	20.843	-4.2	93	-0.01
40	Dibromomethane	20.000	19.905	0.5	93	0.00
41 M	Bromodichloromethane	20.000	20.566	-2.8	97	0.00
42 M	Vinyl Acetate	100.000	100.111	-0.1	92	0.00
43	Ethyl Acetate	20.000	18.781	6.1	86	0.00
44	Isopropyl Acetate	20.000	19.950	0.3	93	0.00
45 T	1,4-Dioxane	400.000	306.032	23.5	69	-0.01
46	Methyl methacrylate	20.000	20.261	-1.3	94	0.00
47	n-amyl Acetate	20.000	19.795	1.0	93	0.00
48 M	t-1,3-Dichloropropene	20.000	19.581	2.1	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.058	-0.3	96	0.00
50 M	1,1,2-Trichloroethane	20.000	21.100	-5.5	97	0.00
51	Ethyl methacrylate	20.000	19.303	3.5	91	0.00
52	1,3-Dichloropropane	20.000	20.671	-3.4	94	0.00
53 M	Dibromochloromethane	20.000	20.506	-2.5	99	0.00
54 M	1,2-Dibromoethane	20.000	20.579	-2.9	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.815	4.2	86	0.00
56 M	Bromoform	20.000	20.136	-0.7	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.804	-2.8	92	0.00
59 M	2-Hexanone	100.000	102.459	-2.5	94	0.00
60 S	4-Bromofluorobenzene	30.000	31.228	-4.1	91	0.00
61 M	Tetrachloroethene	20.000	19.513	2.4	89	0.00
62 M	Toluene	20.000	20.185	-0.9	91	0.00
63 S	Toluene-d8	30.000	29.302	2.3	86	0.00
64 M	Chlorobenzene	20.000	20.465	-2.3	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.762	-3.8	97	0.00
66 M	Ethyl Benzene	20.000	20.386	-1.9	93	0.00
67 M	m/p-Xylenes	40.000	41.630	-4.1	92	0.00
68 M	o-Xylene	20.000	20.255	-1.3	93	0.00
69 M	Styrene	20.000	20.466	-2.3	95	0.00
70	Isopropylbenzene	20.000	21.039	-5.2	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.107	-5.5	96	0.00
72	1,2,3-Trichloropropane	20.000	19.488	2.6	88	0.00
73	Bromobenzene	20.000	20.196	-1.0	94	0.00
74	n-propylbenzene	20.000	20.998	-5.0	96	0.00
75	2-Chlorotoluene	20.000	20.839	-4.2	94	0.00
76	1,3,5-Trimethylbenzene	20.000	20.810	-4.0	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.793	1.0	98	0.00
78	4-Chlorotoluene	20.000	20.966	-4.8	95	0.00
79	tert-butylbenzene	20.000	20.747	-3.7	95	0.00
80	1,2,4-Trimethylbenzene	20.000	20.870	-4.4	94	0.00
81	sec-Butylbenzene	20.000	21.290	-6.4	98	0.00
82	p-Isopropyltoluene	20.000	20.873	-4.4	96	0.00
83 M	1,3-Dichlorobenzene	20.000	20.642	-3.2	96	0.00
84 M	1,4-Dichlorobenzene	20.000	20.516	-2.6	96	0.00
85	n-Butylbenzene	20.000	20.954	-4.8	101	0.00
86 T	Hexachloroethane	20.000	20.670	-3.4	102	0.00
87 M	1,2-Dichlorobenzene	20.000	20.475	-2.4	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.975	0.1	95	0.00
89	1,2,4-Trichlorobenzene	20.000	20.716	-3.6	99	0.00
90	Hexachlorobutadiene	20.000	20.698	-3.5	96	0.00
91 M	Naphthalene	20.000	20.092	-0.5	94	0.00
92	1,2,3-Trichlorobenzene	20.000	21.067	-5.3	97	0.00

(#) = Out of Range

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