

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX041994.D
 Acq On : 24 Jun 2024 09:10
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 25 05:54:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 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	20.202	-1.0	100	0.00
3 M	Chloromethane	20.000	19.343	3.3	96	0.00
4 M	Vinyl Chloride	20.000	18.797	6.0	98	0.00
5 M	Bromomethane	20.000	18.217	8.9	96	0.00
6 M	Chloroethane	20.000	24.437	-22.2	123	0.00
7 M	Trichlorofluoromethane	20.000	21.355	-6.8	107	0.00
8 T	Diethyl Ether	20.000	19.572	2.1	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.130	-0.6	105	0.00
10 M	1,1-Dichloroethene	20.000	19.024	4.9	99	0.00
11	Methyl Iodide	20.000	16.878	15.6	86	0.00
12	Methyl Acetate	20.000	20.881	-4.4	106	0.00
13 M	Acrolein	100.000	79.273	20.7	85	0.00
14 M	Acrylonitrile	100.000	99.468	0.5	101	0.00
15 M	Acetone	100.000	106.184	-6.2	105	0.00
16 M	Carbon Disulfide	20.000	18.474	7.6	107	0.00
17	Allyl chloride	20.000	20.324	-1.6	102	0.00
18 M	Methylene Chloride	20.000	18.696	6.5	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.225	3.9	100	0.00
20 T	Diisopropyl ether	20.000	19.800	1.0	102	0.00
21 M	1,1-Dichloroethane	20.000	19.806	1.0	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.011	4.9	99	0.00
23 M	tert-Butyl Alcohol	100.000	97.068	2.9	97	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.317	3.4	100	0.00
25 M	Chloroform	20.000	20.149	-0.7	104	0.00
26	Cyclohexane	20.000	19.057	4.7	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	34.335	-14.5	118	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	17.815	10.9	102	0.00
30 M	2-Butanone	100.000	94.313	5.7	100	0.00
31	2,2-Dichloropropane	20.000	18.666	6.7	107	0.00
32 M	1,1,1-Trichloroethane	20.000	18.555	7.2	105	-0.01
33 M	Carbon Tetrachloride	20.000	18.396	8.0	104	0.00
34 M	Benzene	20.000	17.963	10.2	98	0.00
35	Methacrylonitrile	20.000	18.547	7.3	103	0.00
36 M	1,2-Dichloroethane	20.000	18.769	6.2	103	0.00
37 M	Trichloroethene	20.000	17.779	11.1	101	0.00
38	Methylcyclohexane	20.000	17.734	11.3	101	0.00
39 M	1,2-Dichloropropane	20.000	18.492	7.5	102	0.00
40	Dibromomethane	20.000	18.192	9.0	102	0.00
41 M	Bromodichloromethane	20.000	18.884	5.6	108	0.00
42 M	Vinyl Acetate	100.000	92.556	7.4	102	0.00
43	Ethyl Acetate	20.000	17.777	11.1	100	0.00
44	Isopropyl Acetate	20.000	17.794	11.0	100	-0.01
45 T	1,4-Dioxane	400.000	362.140	9.5	100	0.00
46	Methyl methacrylate	20.000	18.103	9.5	100	0.00
47	n-amyl Acetate	20.000	17.253	13.7	99	0.00
48 M	t-1,3-Dichloropropene	20.000	17.730	11.3	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.294	8.5	104	0.00
50 M	1,1,2-Trichloroethane	20.000	18.637	6.8	102	0.00
51	Ethyl methacrylate	20.000	17.257	13.7	99	0.00
52	1,3-Dichloropropane	20.000	18.418	7.9	101	0.00
53 M	Dibromochloromethane	20.000	18.582	7.1	108	0.00
54 M	1,2-Dibromoethane	20.000	18.473	7.6	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.932	11.1	94	0.00
56 M	Bromoform	20.000	17.981	10.1	107	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.833	6.2	100	0.00
59 M	2-Hexanone	100.000	92.937	7.1	100	0.00
60 S	4-Bromofluorobenzene	30.000	30.439	-1.5	112	0.00
61 M	Tetrachloroethene	20.000	17.917	10.4	97	0.00
62 M	Toluene	20.000	18.202	9.0	100	0.00
63 S	Toluene-d8	30.000	30.878	-2.9	111	0.00
64 M	Chlorobenzene	20.000	17.745	11.3	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.387	8.1	104	0.00
66 M	Ethyl Benzene	20.000	17.718	11.4	98	0.00
67 M	m/p-Xylenes	40.000	36.193	9.5	100	0.00
68 M	o-Xylene	20.000	17.697	11.5	97	0.00
69 M	Styrene	20.000	18.022	9.9	99	0.00
70	Isopropylbenzene	20.000	18.162	9.2	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.309	8.5	99	0.00
72	1,2,3-Trichloropropane	20.000	18.129	9.4	101	0.00
73	Bromobenzene	20.000	17.969	10.2	100	0.00
74	n-propylbenzene	20.000	18.041	9.8	101	0.00
75	2-Chlorotoluene	20.000	18.095	9.5	100	0.00
76	1,3,5-Trimethylbenzene	20.000	18.254	8.7	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.251	13.7	107	0.00
78	4-Chlorotoluene	20.000	18.102	9.5	101	0.00
79	tert-butylbenzene	20.000	17.961	10.2	100	0.00
80	1,2,4-Trimethylbenzene	20.000	18.257	8.7	101	0.00
81	sec-Butylbenzene	20.000	18.338	8.3	102	0.00
82	p-Isopropyltoluene	20.000	18.142	9.3	102	0.00
83 M	1,3-Dichlorobenzene	20.000	17.858	10.7	100	0.00
84 M	1,4-Dichlorobenzene	20.000	17.675	11.6	101	0.00
85	n-Butylbenzene	20.000	18.064	9.7	107	0.00
86 T	Hexachloroethane	20.000	18.526	7.4	110	0.00
87 M	1,2-Dichlorobenzene	20.000	17.721	11.4	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.755	11.2	104	0.00
89	1,2,4-Trichlorobenzene	20.000	16.827	15.9	102	0.00
90	Hexachlorobutadiene	20.000	17.773	11.1	102	0.00
91 M	Naphthalene	20.000	16.591	17.0	96	0.00
92	1,2,3-Trichlorobenzene	20.000	17.120	14.4	101	0.00

(#) = Out of Range

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