

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
 Data File : VX041900.D
 Acq On : 17 Jun 2024 10:15
 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 18 02:03:37 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	18.520	7.4	90	0.00
3 M	Chloromethane	20.000	17.653	11.7	86	0.00
4 M	Vinyl Chloride	20.000	17.637	11.8	90	0.00
5 M	Bromomethane	20.000	16.941	15.3	87	0.00
6 M	Chloroethane	20.000	21.872	-9.4	108	0.00
7 M	Trichlorofluoromethane	20.000	19.055	4.7	93	0.00
8 T	Diethyl Ether	20.000	19.327	3.4	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.574	7.1	94	0.00
10 M	1,1-Dichloroethene	20.000	17.680	11.6	90	0.00
11	Methyl Iodide	20.000	17.563	12.2	88	0.00
12	Methyl Acetate	20.000	20.272	-1.4	101	0.00
13 M	Acrolein	100.000	90.649	9.4	95	0.00
14 M	Acrylonitrile	100.000	100.707	-0.7	100	0.00
15 M	Acetone	100.000	100.356	-0.4	98	0.00
16 M	Carbon Disulfide	20.000	18.125	9.4	103	0.00
17	Allyl chloride	20.000	19.191	4.0	95	0.00
18 M	Methylene Chloride	20.000	18.447	7.8	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.088	9.6	92	0.00
20 T	Diisopropyl ether	20.000	19.446	2.8	98	0.00
21 M	1,1-Dichloroethane	20.000	18.571	7.1	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.485	7.6	95	0.00
23 M	tert-Butyl Alcohol	100.000	105.460	-5.5	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.463	2.7	99	0.00
25 M	Chloroform	20.000	19.113	4.4	96	0.00
26	Cyclohexane	20.000	17.994	10.0	92	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.307	-1.0	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	19.606	2.0	96	0.00
30 M	2-Butanone	100.000	108.397	-8.4	99	0.00
31	2,2-Dichloropropane	20.000	19.031	4.8	93	0.00
32 M	1,1,1-Trichloroethane	20.000	19.628	1.9	96	0.00
33 M	Carbon Tetrachloride	20.000	19.809	1.0	96	0.00
34 M	Benzene	20.000	19.647	1.8	92	0.00
35	Methacrylonitrile	20.000	21.142	-5.7	101	0.00
36 M	1,2-Dichloroethane	20.000	21.039	-5.2	99	0.00
37 M	Trichloroethene	20.000	19.320	3.4	95	0.00
38	Methylcyclohexane	20.000	19.074	4.6	94	0.00
39 M	1,2-Dichloropropane	20.000	20.265	-1.3	96	0.00
40	Dibromomethane	20.000	20.376	-1.9	98	0.00
41 M	Bromodichloromethane	20.000	20.819	-4.1	103	0.00
42 M	Vinyl Acetate	100.000	105.578	-5.6	100	0.00
43	Ethyl Acetate	20.000	21.457	-7.3	103	0.00
44	Isopropyl Acetate	20.000	21.152	-5.8	102	0.00
45 T	1,4-Dioxane	400.000	419.896	-5.0	100	0.00
46	Methyl methacrylate	20.000	21.256	-6.3	101	0.00
47	n-amyl Acetate	20.000	20.067	-0.3	99	0.00
48 M	t-1,3-Dichloropropene	20.000	19.914	0.4	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.983	0.1	98	0.00
50 M	1,1,2-Trichloroethane	20.000	20.597	-3.0	97	0.00
51	Ethyl methacrylate	20.000	20.563	-2.8	101	0.00
52	1,3-Dichloropropane	20.000	20.944	-4.7	99	0.00
53 M	Dibromochloromethane	20.000	20.983	-4.9	105	0.00
54 M	1,2-Dibromoethane	20.000	21.498	-7.5	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.104	-6.1	97	0.00
56 M	Bromoform	20.000	20.600	-3.0	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.784	-7.8	100	0.00
59 M	2-Hexanone	100.000	107.831	-7.8	100	0.00
60 S	4-Bromofluorobenzene	30.000	30.591	-2.0	98	0.00
61 M	Tetrachloroethene	20.000	19.780	1.1	93	0.00
62 M	Toluene	20.000	19.810	1.0	94	0.00
63 S	Toluene-d8	30.000	30.490	-1.6	95	0.00
64 M	Chlorobenzene	20.000	19.654	1.7	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.258	-1.3	99	0.00
66 M	Ethyl Benzene	20.000	19.698	1.5	95	0.00
67 M	m/p-Xylenes	40.000	39.545	1.1	95	0.00
68 M	o-Xylene	20.000	19.665	1.7	94	0.00
69 M	Styrene	20.000	19.762	1.2	94	0.00
70	Isopropylbenzene	20.000	19.812	0.9	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.805	-4.0	98	0.00
72	1,2,3-Trichloropropane	20.000	20.604	-3.0	99	0.00
73	Bromobenzene	20.000	19.656	1.7	95	0.00
74	n-propylbenzene	20.000	20.126	-0.6	97	0.00
75	2-Chlorotoluene	20.000	20.145	-0.7	96	0.00
76	1,3,5-Trimethylbenzene	20.000	19.760	1.2	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.806	6.0	101	0.00
78	4-Chlorotoluene	20.000	19.928	0.4	97	0.00
79	tert-butylbenzene	20.000	19.799	1.0	95	0.00
80	1,2,4-Trimethylbenzene	20.000	20.044	-0.2	96	0.00
81	sec-Butylbenzene	20.000	20.004	-0.0	97	0.00
82	p-Isopropyltoluene	20.000	20.024	-0.1	98	0.00
83 M	1,3-Dichlorobenzene	20.000	19.681	1.6	96	0.00
84 M	1,4-Dichlorobenzene	20.000	19.805	1.0	98	0.00
85	n-Butylbenzene	20.000	19.613	1.9	101	0.00
86 T	Hexachloroethane	20.000	19.849	0.8	102	0.00
87 M	1,2-Dichlorobenzene	20.000	19.663	1.7	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.869	-4.3	106	0.00
89	1,2,4-Trichlorobenzene	20.000	18.664	6.7	98	0.00
90	Hexachlorobutadiene	20.000	20.343	-1.7	101	0.00
91 M	Naphthalene	20.000	19.160	4.2	96	0.00
92	1,2,3-Trichlorobenzene	20.000	19.112	4.4	97	0.00

(#) = Out of Range

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