

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041575.D
 Acq On : 16 May 2024 19:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 17 02:44:01 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	100	0.00
2 M	Dichlorodifluoromethane	20.000	19.364	3.2	106	0.00
3 M	Chloromethane	20.000	17.352	13.2	88	0.00
4 M	Vinyl Chloride	20.000	17.217	13.9	88	0.00
5 M	Bromomethane	20.000	16.908	15.5	90	0.00
6 M	Chloroethane	20.000	26.420	-32.1#	138	0.00
7 M	Trichlorofluoromethane	20.000	20.352	-1.8	103	0.00
8 T	Diethyl Ether	20.000	20.969	-4.8	111	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.794	1.0	94	0.00
10 M	1,1-Dichloroethene	20.000	20.063	-0.3	95	0.00
11	Methyl Iodide	20.000	19.452	2.7	100	0.00
12	Methyl Acetate	20.000	22.253	-11.3	112	0.00
13 M	Acrolein	100.000	72.739	27.3#	72	0.00
14 M	Acrylonitrile	100.000	105.052	-5.1	110	0.00
15 M	Acetone	100.000	99.039	1.0	95	0.00
16 M	Carbon Disulfide	20.000	20.426	-2.1	109	0.00
17	Allyl chloride	20.000	20.511	-2.6	103	0.00
18 M	Methylene Chloride	20.000	21.150	-5.7	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.501	2.5	101	0.00
20 T	Diisopropyl ether	20.000	20.086	-0.4	103	0.00
21 M	1,1-Dichloroethane	20.000	20.046	-0.2	104	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.572	2.1	103	0.00
23 M	tert-Butyl Alcohol	100.000	95.996	4.0	100	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.875	0.6	104	0.00
25 M	Chloroform	20.000	20.138	-0.7	104	0.00
26	Cyclohexane	20.000	19.589	2.1	101	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.188	6.0	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	21.286	-6.4	104	0.00
30 M	2-Butanone	100.000	109.362	-9.4	106	0.00
31	2,2-Dichloropropane	20.000	19.271	3.6	93	0.00
32 M	1,1,1-Trichloroethane	20.000	20.161	-0.8	98	0.00
33 M	Carbon Tetrachloride	20.000	21.186	-5.9	105	0.00
34 M	Benzene	20.000	21.550	-7.8	103	0.00
35	Methacrylonitrile	20.000	22.356	-11.8	108	-0.02
36 M	1,2-Dichloroethane	20.000	21.767	-8.8	104	0.00
37 M	Trichloroethene	20.000	20.813	-4.1	101	0.00
38	Methylcyclohexane	20.000	20.320	-1.6	98	0.00
39 M	1,2-Dichloropropane	20.000	21.886	-9.4	103	0.00
40	Dibromomethane	20.000	21.457	-7.3	106	0.00
41 M	Bromodichloromethane	20.000	20.914	-4.6	105	0.00
42 M	Vinyl Acetate	100.000	105.965	-6.0	102	0.00
43	Ethyl Acetate	20.000	20.865	-4.3	101	0.00
44	Isopropyl Acetate	20.000	21.493	-7.5	106	0.00
45 T	1,4-Dioxane	400.000	393.082	1.7	93	0.00
46	Methyl methacrylate	20.000	20.877	-4.4	103	0.00
47	n-amyl Acetate	20.000	20.808	-4.0	104	0.00
48 M	t-1,3-Dichloropropene	20.000	20.002	-0.0	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.203	-1.0	102	0.00
50 M	1,1,2-Trichloroethane	20.000	21.737	-8.7	106	0.00
51	Ethyl methacrylate	20.000	20.873	-4.4	105	0.00
52	1,3-Dichloropropane	20.000	21.752	-8.8	104	0.00
53 M	Dibromochloromethane	20.000	20.922	-4.6	107	0.00
54 M	1,2-Dibromoethane	20.000	21.500	-7.5	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	110.884	-10.9	106	0.00
56 M	Bromoform	20.000	20.057	-0.3	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	111.089	-11.1	105	0.00
59 M	2-Hexanone	100.000	109.575	-9.6	107	0.00
60 S	4-Bromofluorobenzene	30.000	30.702	-2.3	96	0.00
61 M	Tetrachloroethene	20.000	21.042	-5.2	102	0.00
62 M	Toluene	20.000	21.380	-6.9	103	0.00
63 S	Toluene-d8	30.000	30.404	-1.3	95	0.00
64 M	Chlorobenzene	20.000	21.405	-7.0	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.977	-4.9	104	0.00
66 M	Ethyl Benzene	20.000	21.455	-7.3	104	0.00
67 M	m/p-Xylenes	40.000	43.771	-9.4	103	0.00
68 M	o-Xylene	20.000	21.726	-8.6	106	0.00
69 M	Styrene	20.000	21.272	-6.4	105	0.00
70	Isopropylbenzene	20.000	21.959	-9.8	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.882	-9.4	106	0.00
72	1,2,3-Trichloropropane	20.000	22.432	-12.2	108	0.00
73	Bromobenzene	20.000	21.215	-6.1	105	0.00
74	n-propylbenzene	20.000	21.301	-6.5	103	0.00
75	2-Chlorotoluene	20.000	21.512	-7.6	103	0.00
76	1,3,5-Trimethylbenzene	20.000	21.092	-5.5	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.027	9.9	95	0.00
78	4-Chlorotoluene	20.000	20.958	-4.8	101	0.00
79	tert-butylbenzene	20.000	21.170	-5.9	103	0.00
80	1,2,4-Trimethylbenzene	20.000	21.266	-6.3	102	0.00
81	sec-Butylbenzene	20.000	21.218	-6.1	104	0.00
82	p-Isopropyltoluene	20.000	21.042	-5.2	104	0.00
83 M	1,3-Dichlorobenzene	20.000	20.754	-3.8	103	0.00
84 M	1,4-Dichlorobenzene	20.000	20.536	-2.7	102	0.00
85	n-Butylbenzene	20.000	19.680	1.6	101	0.00
86 T	Hexachloroethane	20.000	19.602	2.0	103	0.00
87 M	1,2-Dichlorobenzene	20.000	21.257	-6.3	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.042	-5.2	107	0.00
89	1,2,4-Trichlorobenzene	20.000	20.481	-2.4	104	0.00
90	Hexachlorobutadiene	20.000	20.310	-1.5	101	0.00
91 M	Naphthalene	20.000	21.371	-6.9	106	0.00
92	1,2,3-Trichlorobenzene	20.000	20.834	-4.2	102	0.00

(#) = Out of Range

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