

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042940.D
 Acq On : 08 Aug 2024 09:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 08 14:50:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	19.853	0.7	93	0.00
3 M	Chloromethane	20.000	18.448	7.8	96	0.00
4 M	Vinyl Chloride	20.000	17.927	10.4	88	0.00
5 M	Bromomethane	20.000	17.604	12.0	85	0.00
6 M	Chloroethane	20.000	16.743	16.3	79	-0.02
7 M	Trichlorofluoromethane	20.000	19.280	3.6	84	-0.01
8 T	Diethyl Ether	20.000	19.729	1.4	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.651	1.7	93	-0.01
10 M	1,1-Dichloroethene	20.000	18.384	8.1	89	-0.01
11	Methyl Iodide	20.000	20.059	-0.3	110	0.00
12	Methyl Acetate	20.000	20.893	-4.5	88	0.00
13 M	Acrolein	100.000	88.164	11.8	118	0.00
14 M	Acrylonitrile	100.000	91.065	8.9	87	0.00
15 M	Acetone	100.000	91.468	8.5	89	0.00
16 M	Carbon Disulfide	20.000	14.913	25.4#	73	-0.01
17	Allyl chloride	20.000	19.690	1.5	87	0.00
18 M	Methylene Chloride	20.000	18.590	7.1	91	-0.01
19 M	trans-1,2-Dichloroethene	20.000	18.479	7.6	87	0.00
20 T	Diisopropyl ether	20.000	19.225	3.9	90	0.00
21 M	1,1-Dichloroethane	20.000	18.967	5.2	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.526	7.4	90	0.00
23 M	tert-Butyl Alcohol	100.000	73.665	26.3#	72	0.02
24 M	Methyl tert-Butyl Ether	20.000	19.305	3.5	93	0.00
25 M	Chloroform	20.000	18.941	5.3	90	-0.01
26	Cyclohexane	20.000	17.943	10.3	89	-0.01
27 s	1,2-Dichloroethane-d4	30.000	27.315	8.9	85	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	19.450	2.8	84	0.00
30 M	2-Butanone	100.000	97.138	2.9	83	0.00
31	2,2-Dichloropropane	20.000	22.574	-12.9	97	-0.01
32 M	1,1,1-Trichloroethane	20.000	20.933	-4.7	91	0.00
33 M	Carbon Tetrachloride	20.000	19.713	1.4	85	0.00
34 M	Benzene	20.000	20.678	-3.4	90	0.00
35	Methacrylonitrile	20.000	20.157	-0.8	85	0.00
36 M	1,2-Dichloroethane	20.000	20.942	-4.7	90	0.00
37 M	Trichloroethene	20.000	20.152	-0.8	88	0.00
38	Methylcyclohexane	20.000	19.172	4.1	85	0.00
39 M	1,2-Dichloropropane	20.000	20.442	-2.2	88	0.00
40	Dibromomethane	20.000	20.137	-0.7	86	0.00
41 M	Bromodichloromethane	20.000	19.665	1.7	85	0.00
42 M	Vinyl Acetate	100.000	98.361	1.6	86	0.00
43	Ethyl Acetate	20.000	18.942	5.3	83	0.00
44	Isopropyl Acetate	20.000	19.527	2.4	83	0.00
45 T	1,4-Dioxane	400.000	296.743	25.8#	61	0.00
46	Methyl methacrylate	20.000	19.657	1.7	84	0.00
47	n-amyl Acetate	20.000	18.407	8.0	83	0.00
48 M	t-1,3-Dichloropropene	20.000	19.646	1.8	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.192	-1.0	86	0.00
50 M	1,1,2-Trichloroethane	20.000	21.074	-5.4	89	0.00
51	Ethyl methacrylate	20.000	19.551	2.2	86	0.00
52	1,3-Dichloropropane	20.000	20.203	-1.0	85	0.00
53 M	Dibromochloromethane	20.000	19.328	3.4	84	0.00
54 M	1,2-Dibromoethane	20.000	20.738	-3.7	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	106.102	-6.1	91	0.00
56 M	Bromoform	20.000	18.747	6.3	82	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.670	-1.7	84	0.00
59 M	2-Hexanone	100.000	98.533	1.5	83	0.00
60 S	4-Bromofluorobenzene	30.000	30.232	-0.8	86	0.00
61 M	Tetrachloroethene	20.000	21.501	-7.5	91	0.00
62 M	Toluene	20.000	20.894	-4.5	89	0.00
63 S	Toluene-d8	30.000	30.296	-1.0	84	0.00
64 M	Chlorobenzene	20.000	20.559	-2.8	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.722	-3.6	88	0.00
66 M	Ethyl Benzene	20.000	20.214	-1.1	86	0.00
67 M	m/p-Xylenes	40.000	40.640	-1.6	87	0.00
68 M	o-Xylene	20.000	20.543	-2.7	87	0.00
69 M	Styrene	20.000	20.095	-0.5	87	0.00
70	Isopropylbenzene	20.000	20.625	-3.1	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.112	-0.6	85	0.00
72	1,2,3-Trichloropropane	20.000	20.054	-0.3	88	0.00
73	Bromobenzene	20.000	20.020	-0.1	88	0.00
74	n-propylbenzene	20.000	19.937	0.3	85	0.00
75	2-Chlorotoluene	20.000	20.541	-2.7	89	0.00
76	1,3,5-Trimethylbenzene	20.000	20.541	-2.7	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.058	4.7	86	0.00
78	4-Chlorotoluene	20.000	20.120	-0.6	88	0.00
79	tert-butylbenzene	20.000	20.235	-1.2	88	0.00
80	1,2,4-Trimethylbenzene	20.000	20.537	-2.7	90	0.00
81	sec-Butylbenzene	20.000	20.502	-2.5	88	0.00
82	p-Isopropyltoluene	20.000	19.980	0.1	86	0.00
83 M	1,3-Dichlorobenzene	20.000	20.014	-0.1	87	0.00
84 M	1,4-Dichlorobenzene	20.000	19.720	1.4	86	0.00
85	n-Butylbenzene	20.000	18.395	8.0	80	0.00
86 T	Hexachloroethane	20.000	18.636	6.8	83	0.00
87 M	1,2-Dichlorobenzene	20.000	20.151	-0.8	88	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.082	4.6	86	0.00
89	1,2,4-Trichlorobenzene	20.000	18.911	5.4	83	0.00
90	Hexachlorobutadiene	20.000	20.074	-0.4	89	0.00
91 M	Naphthalene	20.000	19.452	2.7	87	0.00
92	1,2,3-Trichlorobenzene	20.000	19.647	1.8	85	0.00

(#) = Out of Range

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