

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042313.D
 Acq On : 12 Jul 2024 19:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 15 04:34:17 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	86	0.00
2 M	Dichlorodifluoromethane	20.000	17.043	14.8	72	0.00
3 M	Chloromethane	20.000	15.439	22.8	66	0.00
4 M	Vinyl Chloride	20.000	15.721	21.4	70	0.00
5 M	Bromomethane	20.000	14.172	29.1#	64	0.00
6 M	Chloroethane	20.000	22.590	-13.0	97	0.00
7 M	Trichlorofluoromethane	20.000	19.410	2.9	83	0.00
8 T	Diethyl Ether	20.000	18.088	9.6	80	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.931	5.3	84	0.00
10 M	1,1-Dichloroethene	20.000	17.874	10.6	79	0.00
11	Methyl Iodide	20.000	13.271	33.6#	58	0.00
12	Methyl Acetate	20.000	23.790	-18.9	103	0.00
13 M	Acrolein	100.000	85.096	14.9	78	0.00
14 M	Acrylonitrile	100.000	91.809	8.2	80	0.00
15 M	Acetone	100.000	83.851	16.1	71	0.00
16 M	Carbon Disulfide	20.000	15.716	21.4	78	0.00
17	Allyl chloride	20.000	18.432	7.8	79	0.00
18 M	Methylene Chloride	20.000	18.473	7.6	80	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.293	8.5	81	0.00
20 T	Diisopropyl ether	20.000	18.982	5.1	83	0.00
21 M	1,1-Dichloroethane	20.000	18.909	5.5	84	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.754	6.2	84	0.00
23 M	tert-Butyl Alcohol	100.000	104.697	-4.7	90	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.451	2.7	86	0.00
25 M	Chloroform	20.000	19.627	1.9	86	0.00
26	Cyclohexane	20.000	17.229	13.9	77	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.801	4.0	84	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	18.692	6.5	80	0.00
30 M	2-Butanone	100.000	97.441	2.6	78	0.00
31	2,2-Dichloropropane	20.000	18.164	9.2	78	0.00
32 M	1,1,1-Trichloroethane	20.000	20.596	-3.0	88	0.00
33 M	Carbon Tetrachloride	20.000	20.644	-3.2	88	0.00
34 M	Benzene	20.000	19.731	1.3	81	0.00
35	Methacrylonitrile	20.000	19.263	3.7	80	0.00
36 M	1,2-Dichloroethane	20.000	20.721	-3.6	85	0.00
37 M	Trichloroethene	20.000	20.101	-0.5	86	0.00
38	Methylcyclohexane	20.000	18.155	9.2	78	0.00
39 M	1,2-Dichloropropane	20.000	19.554	2.2	81	0.00
40	Dibromomethane	20.000	20.247	-1.2	85	0.00
41 M	Bromodichloromethane	20.000	20.742	-3.7	90	0.00
42 M	Vinyl Acetate	100.000	96.523	3.5	80	0.00
43	Ethyl Acetate	20.000	19.711	1.4	83	0.00
44	Isopropyl Acetate	20.000	19.489	2.6	82	0.00
45 T	1,4-Dioxane	400.000	318.160	20.5	66	0.00
46	Methyl methacrylate	20.000	19.543	2.3	81	0.00
47	n-amyl Acetate	20.000	19.190	4.0	83	0.00
48 M	t-1,3-Dichloropropene	20.000	19.297	3.5	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.800	1.0	85	0.00
50 M	1,1,2-Trichloroethane	20.000	21.184	-5.9	88	0.00
51	Ethyl methacrylate	20.000	19.560	2.2	84	0.00
52	1,3-Dichloropropane	20.000	20.628	-3.1	85	0.00
53 M	Dibromochloromethane	20.000	20.735	-3.7	91	0.00
54 M	1,2-Dibromoethane	20.000	20.573	-2.9	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	115.747	-15.7	92	0.00
56 M	Bromoform	20.000	20.169	-0.8	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.702	0.3	80	0.00
59 M	2-Hexanone	100.000	99.372	0.6	80	0.00
60 S	4-Bromofluorobenzene	30.000	30.258	-0.9	84	0.00
61 M	Tetrachloroethene	20.000	19.523	2.4	79	0.00
62 M	Toluene	20.000	20.286	-1.4	84	0.00
63 S	Toluene-d8	30.000	29.462	1.8	80	0.00
64 M	Chlorobenzene	20.000	19.888	0.6	82	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.156	-5.8	90	0.00
66 M	Ethyl Benzene	20.000	19.556	2.2	82	0.00
67 M	m/p-Xylenes	40.000	39.712	0.7	83	0.00
68 M	o-Xylene	20.000	20.225	-1.1	84	0.00
69 M	Styrene	20.000	20.073	-0.4	83	0.00
70	Isopropylbenzene	20.000	20.345	-1.7	84	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.683	-3.4	84	0.00
72	1,2,3-Trichloropropane	20.000	19.855	0.7	83	0.00
73	Bromobenzene	20.000	20.297	-1.5	85	0.00
74	n-propylbenzene	20.000	19.752	1.2	83	0.00
75	2-Chlorotoluene	20.000	19.937	0.3	83	0.00
76	1,3,5-Trimethylbenzene	20.000	20.099	-0.5	83	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.547	17.3	77	0.00
78	4-Chlorotoluene	20.000	19.622	1.9	83	0.00
79	tert-butylbenzene	20.000	20.429	-2.1	85	0.00
80	1,2,4-Trimethylbenzene	20.000	20.381	-1.9	85	0.00
81	sec-Butylbenzene	20.000	19.947	0.3	84	0.00
82	p-Isopropyltoluene	20.000	19.945	0.3	84	0.00
83 M	1,3-Dichlorobenzene	20.000	19.900	0.5	84	0.00
84 M	1,4-Dichlorobenzene	20.000	19.468	2.7	83	0.00
85	n-Butylbenzene	20.000	18.590	7.1	83	0.00
86 T	Hexachloroethane	20.000	19.163	4.2	86	0.00
87 M	1,2-Dichlorobenzene	20.000	20.046	-0.2	84	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.642	1.8	87	0.00
89	1,2,4-Trichlorobenzene	20.000	19.092	4.5	87	0.00
90	Hexachlorobutadiene	20.000	19.817	0.9	86	0.00
91 M	Naphthalene	20.000	19.297	3.5	84	0.00
92	1,2,3-Trichlorobenzene	20.000	19.542	2.3	86	0.00

(#) = Out of Range

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