

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042237.D
 Acq On : 09 Jul 2024 09:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 10 04:53:51 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	21.395	-7.0	90	0.00
3 M	Chloromethane	20.000	20.781	-3.9	88	0.00
4 M	Vinyl Chloride	20.000	19.572	2.1	87	0.00
5 M	Bromomethane	20.000	20.037	-0.2	90	0.00
6 M	Chloroethane	20.000	23.487	-17.4	101	0.00
7 M	Trichlorofluoromethane	20.000	22.154	-10.8	94	0.00
8 T	Diethyl Ether	20.000	20.084	-0.4	89	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.077	-10.4	98	0.00
10 M	1,1-Dichloroethene	20.000	20.580	-2.9	91	0.00
11	Methyl Iodide	20.000	18.260	8.7	79	0.00
12	Methyl Acetate	20.000	24.704	-23.5	107	0.00
13 M	Acrolein	100.000	61.661	38.3#	56	0.00
14 M	Acrylonitrile	100.000	101.209	-1.2	87	0.00
15 M	Acetone	100.000	113.027	-13.0	95	0.00
16 M	Carbon Disulfide	20.000	19.293	3.5	95	0.00
17	Allyl chloride	20.000	21.170	-5.9	91	0.00
18 M	Methylene Chloride	20.000	21.312	-6.6	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.725	-3.6	92	0.00
20 T	Diisopropyl ether	20.000	21.300	-6.5	93	0.00
21 M	1,1-Dichloroethane	20.000	21.661	-8.3	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.595	-8.0	96	0.00
23 M	tert-Butyl Alcohol	100.000	95.790	4.2	82	0.00
24 M	Methyl tert-Butyl Ether	20.000	22.003	-10.0	97	0.00
25 M	Chloroform	20.000	21.900	-9.5	96	0.00
26	Cyclohexane	20.000	21.038	-5.2	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.949	-6.5	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	20.441	-2.2	97	0.00
30 M	2-Butanone	100.000	103.576	-3.6	92	0.00
31	2,2-Dichloropropane	20.000	21.926	-9.6	104	0.00
32 M	1,1,1-Trichloroethane	20.000	21.045	-5.2	99	-0.01
33 M	Carbon Tetrachloride	20.000	21.407	-7.0	101	0.00
34 M	Benzene	20.000	20.540	-2.7	93	0.00
35	Methacrylonitrile	20.000	20.083	-0.4	92	0.00
36 M	1,2-Dichloroethane	20.000	21.552	-7.8	98	0.00
37 M	Trichloroethene	20.000	20.208	-1.0	96	0.00
38	Methylcyclohexane	20.000	20.406	-2.0	97	0.00
39 M	1,2-Dichloropropane	20.000	20.485	-2.4	94	0.00
40	Dibromomethane	20.000	20.528	-2.6	95	0.00
41 M	Bromodichloromethane	20.000	21.114	-5.6	101	0.00
42 M	Vinyl Acetate	100.000	100.202	-0.2	92	0.00
43	Ethyl Acetate	20.000	20.700	-3.5	96	0.00
44	Isopropyl Acetate	20.000	19.910	0.4	93	0.00
45 T	1,4-Dioxane	400.000	324.656	18.8	75	0.00
46	Methyl methacrylate	20.000	20.129	-0.6	92	0.00
47	n-amyl Acetate	20.000	19.755	1.2	94	0.00
48 M	t-1,3-Dichloropropene	20.000	20.630	-3.1	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.957	-4.8	99	0.00
50 M	1,1,2-Trichloroethane	20.000	21.105	-5.5	96	0.00
51	Ethyl methacrylate	20.000	20.413	-2.1	97	0.00
52	1,3-Dichloropropane	20.000	20.655	-3.3	94	0.00
53 M	Dibromochloromethane	20.000	21.159	-5.8	102	0.00
54 M	1,2-Dibromoethane	20.000	21.001	-5.0	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	116.733	-16.7	103	0.00
56 M	Bromoform	20.000	20.795	-4.0	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.494	-5.5	92	0.00
59 M	2-Hexanone	100.000	106.511	-6.5	93	0.00
60 S	4-Bromofluorobenzene	30.000	30.498	-1.7	92	0.00
61 M	Tetrachloroethene	20.000	21.147	-5.7	93	0.00
62 M	Toluene	20.000	21.023	-5.1	94	0.00
63 S	Toluene-d8	30.000	29.849	0.5	88	0.00
64 M	Chlorobenzene	20.000	21.045	-5.2	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.974	-9.9	101	0.00
66 M	Ethyl Benzene	20.000	21.183	-5.9	96	0.00
67 M	m/p-Xylenes	40.000	42.841	-7.1	97	0.00
68 M	o-Xylene	20.000	21.186	-5.9	95	0.00
69 M	Styrene	20.000	21.250	-6.3	95	0.00
70	Isopropylbenzene	20.000	21.625	-8.1	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.962	-4.8	93	0.00
72	1,2,3-Trichloropropane	20.000	21.200	-6.0	96	0.00
73	Bromobenzene	20.000	21.343	-6.7	97	0.00
74	n-propylbenzene	20.000	21.770	-8.8	99	0.00
75	2-Chlorotoluene	20.000	21.490	-7.4	96	0.00
76	1,3,5-Trimethylbenzene	20.000	21.726	-8.6	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.760	1.2	100	0.00
78	4-Chlorotoluene	20.000	21.554	-7.8	98	0.00
79	tert-butylbenzene	20.000	22.083	-10.4	100	0.00
80	1,2,4-Trimethylbenzene	20.000	21.721	-8.6	98	0.00
81	sec-Butylbenzene	20.000	21.990	-9.9	100	0.00
82	p-Isopropyltoluene	20.000	21.980	-9.9	101	0.00
83 M	1,3-Dichlorobenzene	20.000	21.232	-6.2	97	0.00
84 M	1,4-Dichlorobenzene	20.000	21.582	-7.9	100	0.00
85	n-Butylbenzene	20.000	21.705	-8.5	105	0.00
86 T	Hexachloroethane	20.000	22.071	-10.4	107	0.00
87 M	1,2-Dichlorobenzene	20.000	21.381	-6.9	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.436	-2.2	98	0.00
89	1,2,4-Trichlorobenzene	20.000	20.805	-4.0	103	0.00
90	Hexachlorobutadiene	20.000	21.978	-9.9	103	0.00
91 M	Naphthalene	20.000	20.536	-2.7	97	0.00
92	1,2,3-Trichlorobenzene	20.000	21.101	-5.5	101	0.00

(#) = Out of Range

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