

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042253.D
 Acq On : 09 Jul 2024 17:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 10 04:59:28 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	82	0.00
2 M	Dichlorodifluoromethane	20.000	18.997	5.0	77	0.00
3 M	Chloromethane	20.000	16.740	16.3	68	0.00
4 M	Vinyl Chloride	20.000	17.130	14.4	73	0.00
5 M	Bromomethane	20.000	17.319	13.4	74	0.00
6 M	Chloroethane	20.000	22.333	-11.7	92	0.00
7 M	Trichlorofluoromethane	20.000	17.222	13.9	70	0.00
8 T	Diethyl Ether	20.000	18.700	6.5	79	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.743	1.3	83	0.00
10 M	1,1-Dichloroethene	20.000	18.276	8.6	77	0.00
11	Methyl Iodide	20.000	19.579	2.1	81	0.00
12	Methyl Acetate	20.000	23.793	-19.0	98	0.00
13 M	Acrolein	100.000	74.456	25.5#	65	0.00
14 M	Acrylonitrile	100.000	101.725	-1.7	84	0.00
15 M	Acetone	100.000	94.378	5.6	76	0.00
16 M	Carbon Disulfide	20.000	16.654	16.7	78	0.00
17	Allyl chloride	20.000	18.598	7.0	76	0.00
18 M	Methylene Chloride	20.000	19.320	3.4	79	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.778	6.1	80	0.00
20 T	Diisopropyl ether	20.000	20.084	-0.4	84	0.00
21 M	1,1-Dichloroethane	20.000	19.673	1.6	83	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.962	0.2	85	0.00
23 M	tert-Butyl Alcohol	100.000	88.935	11.1	73	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.340	-1.7	86	0.00
25 M	Chloroform	20.000	20.635	-3.2	86	0.00
26	Cyclohexane	20.000	18.412	7.9	78	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.519	-1.7	85	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	18.441	7.8	79	0.00
30 M	2-Butanone	100.000	105.899	-5.9	85	0.00
31	2,2-Dichloropropane	20.000	19.308	3.5	83	0.00
32 M	1,1,1-Trichloroethane	20.000	19.988	0.1	85	0.00
33 M	Carbon Tetrachloride	20.000	20.078	-0.4	86	0.00
34 M	Benzene	20.000	19.594	2.0	81	0.00
35	Methacrylonitrile	20.000	20.752	-3.8	86	0.00
36 M	1,2-Dichloroethane	20.000	20.121	-0.6	83	0.00
37 M	Trichloroethene	20.000	19.578	2.1	84	0.00
38	Methylcyclohexane	20.000	19.059	4.7	82	0.00
39 M	1,2-Dichloropropane	20.000	19.929	0.4	83	0.00
40	Dibromomethane	20.000	20.395	-2.0	86	0.00
41 M	Bromodichloromethane	20.000	20.404	-2.0	88	0.00
42 M	Vinyl Acetate	100.000	98.784	1.2	82	0.00
43	Ethyl Acetate	20.000	20.574	-2.9	87	0.00
44	Isopropyl Acetate	20.000	20.142	-0.7	85	0.00
45 T	1,4-Dioxane	400.000	367.331	8.2	76	0.01
46	Methyl methacrylate	20.000	20.085	-0.4	83	0.00
47	n-amyl Acetate	20.000	19.299	3.5	83	0.00
48 M	t-1,3-Dichloropropene	20.000	19.469	2.7	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.835	0.8	85	0.00
50 M	1,1,2-Trichloroethane	20.000	21.032	-5.2	87	0.00
51	Ethyl methacrylate	20.000	19.746	1.3	85	0.00
52	1,3-Dichloropropane	20.000	20.313	-1.6	84	0.00
53 M	Dibromochloromethane	20.000	20.419	-2.1	89	0.00
54 M	1,2-Dibromoethane	20.000	20.750	-3.8	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	109.195	-9.2	87	0.00
56 M	Bromoform	20.000	20.662	-3.3	93	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.308	-8.3	86	0.00
59 M	2-Hexanone	100.000	108.035	-8.0	86	0.00
60 S	4-Bromofluorobenzene	30.000	30.909	-3.0	85	0.00
61 M	Tetrachloroethene	20.000	19.714	1.4	79	0.00
62 M	Toluene	20.000	20.170	-0.9	82	0.00
63 S	Toluene-d8	30.000	30.233	-0.8	81	0.00
64 M	Chlorobenzene	20.000	20.226	-1.1	83	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.679	-3.4	86	0.00
66 M	Ethyl Benzene	20.000	20.084	-0.4	83	0.00
67 M	m/p-Xylenes	40.000	40.781	-2.0	84	0.00
68 M	o-Xylene	20.000	20.354	-1.8	83	0.00
69 M	Styrene	20.000	20.437	-2.2	83	0.00
70	Isopropylbenzene	20.000	20.322	-1.6	83	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.275	-6.4	86	0.00
72	1,2,3-Trichloropropane	20.000	20.305	-1.5	83	0.00
73	Bromobenzene	20.000	20.398	-2.0	84	0.00
74	n-propylbenzene	20.000	20.280	-1.4	84	0.00
75	2-Chlorotoluene	20.000	20.402	-2.0	83	0.00
76	1,3,5-Trimethylbenzene	20.000	20.476	-2.4	83	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.963	5.2	87	0.00
78	4-Chlorotoluene	20.000	20.188	-0.9	84	0.00
79	tert-butylbenzene	20.000	20.507	-2.5	84	0.00
80	1,2,4-Trimethylbenzene	20.000	20.585	-2.9	85	0.00
81	sec-Butylbenzene	20.000	20.826	-4.1	86	0.00
82	p-Isopropyltoluene	20.000	20.614	-3.1	86	0.00
83 M	1,3-Dichlorobenzene	20.000	20.163	-0.8	84	0.00
84 M	1,4-Dichlorobenzene	20.000	20.007	-0.0	84	0.00
85	n-Butylbenzene	20.000	19.832	0.8	87	0.00
86 T	Hexachloroethane	20.000	19.964	0.2	88	0.00
87 M	1,2-Dichlorobenzene	20.000	20.341	-1.7	84	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.682	-3.4	90	0.00
89	1,2,4-Trichlorobenzene	20.000	19.144	4.3	86	0.00
90	Hexachlorobutadiene	20.000	20.579	-2.9	88	0.00
91 M	Naphthalene	20.000	19.522	2.4	84	0.00
92	1,2,3-Trichlorobenzene	20.000	19.813	0.9	86	0.00

(#) = Out of Range

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