

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX120522\
 Data File : VX033217.D
 Acq On : 05 Dec 2022 11:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 06 05:39:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	17.485	12.6	75	0.00
3 M	Chloromethane	20.000	18.967	5.2	83	0.00
4 M	Vinyl Chloride	20.000	19.460	2.7	85	0.00
5 M	Bromomethane	20.000	15.387	23.1	70	0.00
6 M	Chloroethane	20.000	20.451	-2.3	93	0.00
7 M	Trichlorofluoromethane	20.000	20.849	-4.2	92	0.00
8 T	Diethyl Ether	20.000	21.520	-7.6	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.945	0.3	89	0.00
10 M	1,1-Dichloroethene	20.000	19.086	4.6	86	0.00
11	Methyl Iodide	20.000	18.913	5.4	93	0.00
12	Methyl Acetate	20.000	18.437	7.8	82	0.00
13 M	Acrolein	100.000	103.513	-3.5	98	0.00
14 M	Acrylonitrile	100.000	94.865	5.1	87	0.00
15 M	Acetone	100.000	118.119	-18.1	105	0.00
16 M	Carbon Disulfide	20.000	21.350	-6.8	99	0.00
17	Allyl chloride	20.000	19.723	1.4	91	0.00
18 M	Methylene Chloride	20.000	19.063	4.7	86	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.230	3.8	88	0.00
20 T	Diisopropyl ether	20.000	18.925	5.4	88	0.00
21 M	1,1-Dichloroethane	20.000	19.433	2.8	87	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.350	3.2	89	0.00
23 M	tert-Butyl Alcohol	100.000	99.954	0.0	82	0.01
24 M	Methyl tert-Butyl Ether	20.000	18.708	6.5	87	0.00
25 M	Chloroform	20.000	19.314	3.4	89	0.00
26	Cyclohexane	20.000	19.039	4.8	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.323	2.3	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	19.710	1.4	88	0.00
30 M	2-Butanone	100.000	102.768	-2.8	92	0.00
31	2,2-Dichloropropane	20.000	23.482	-17.4	105	0.00
32 M	1,1,1-Trichloroethane	20.000	20.270	-1.3	91	0.00
33 M	Carbon Tetrachloride	20.000	21.291	-6.5	97	-0.01
34 M	Benzene	20.000	20.053	-0.3	89	0.00
35	Methacrylonitrile	20.000	18.295	8.5	83	-0.01
36 M	1,2-Dichloroethane	20.000	20.281	-1.4	89	0.00
37 M	Trichloroethene	20.000	20.050	-0.3	89	0.00
38	Methylcyclohexane	20.000	20.432	-2.2	91	0.00
39 M	1,2-Dichloropropane	20.000	19.871	0.6	89	0.00
40	Dibromomethane	20.000	20.564	-2.8	91	0.00
41 M	Bromodichloromethane	20.000	22.455	-12.3	102	0.00
42 M	Vinyl Acetate	100.000	91.500	8.5	83	0.00
43	Ethyl Acetate	20.000	18.621	6.9	81	0.00
44	Isopropyl Acetate	20.000	18.677	6.6	85	0.00
45 T	1,4-Dioxane	400.000	435.153	-8.8	96	0.02
46	Methyl methacrylate	20.000	18.097	9.5	82	0.00
47	n-amyl Acetate	20.000	17.704	11.5	80	0.00
48 M	t-1,3-Dichloropropene	20.000	21.136	-5.7	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.239	-6.2	98	0.00
50 M	1,1,2-Trichloroethane	20.000	20.583	-2.9	94	0.00
51	Ethyl methacrylate	20.000	17.905	10.5	81	0.00
52	1,3-Dichloropropane	20.000	20.794	-4.0	92	0.00
53 M	Dibromochloromethane	20.000	23.001	-15.0	107	0.00
54 M	1,2-Dibromoethane	20.000	20.503	-2.5	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.016	13.0	79	0.00
56 M	Bromoform	20.000	24.466	-22.3	116	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.724	4.3	84	0.00
59 M	2-Hexanone	100.000	96.816	3.2	85	0.00
60 S	4-Bromofluorobenzene	30.000	30.202	-0.7	94	0.00
61 M	Tetrachloroethene	20.000	20.517	-2.6	95	0.00
62 M	Toluene	20.000	20.011	-0.1	91	0.00
63 S	Toluene-d8	30.000	29.650	1.2	90	0.00
64 M	Chlorobenzene	20.000	20.427	-2.1	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.132	-5.7	96	0.00
66 M	Ethyl Benzene	20.000	20.084	-0.4	92	0.00
67 M	m/p-Xylenes	40.000	40.395	-1.0	93	0.00
68 M	o-Xylene	20.000	20.021	-0.1	92	0.00
69 M	Styrene	20.000	20.558	-2.8	94	0.00
70	Isopropylbenzene	20.000	20.776	-3.9	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.908	-4.5	94	0.00
72	1,2,3-Trichloropropane	20.000	19.710	1.4	86	0.00
73	Bromobenzene	20.000	20.572	-2.9	94	0.00
74	n-propylbenzene	20.000	20.831	-4.2	95	0.00
75	2-Chlorotoluene	20.000	20.638	-3.2	94	0.00
76	1,3,5-Trimethylbenzene	20.000	20.603	-3.0	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	23.195	-16.0	113	0.00
78	4-Chlorotoluene	20.000	20.889	-4.4	96	0.00
79	tert-butylbenzene	20.000	20.795	-4.0	96	0.00
80	1,2,4-Trimethylbenzene	20.000	20.677	-3.4	93	0.00
81	sec-Butylbenzene	20.000	21.239	-6.2	97	0.00
82	p-Isopropyltoluene	20.000	21.087	-5.4	96	0.00
83 M	1,3-Dichlorobenzene	20.000	21.201	-6.0	96	0.00
84 M	1,4-Dichlorobenzene	20.000	21.143	-5.7	96	0.00
85	n-Butylbenzene	20.000	20.994	-5.0	97	0.00
86 T	Hexachloroethane	20.000	24.594	-23.0	118	0.00
87 M	1,2-Dichlorobenzene	20.000	21.241	-6.2	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.744	-3.7	100	0.00
89	1,2,4-Trichlorobenzene	20.000	20.572	-2.9	96	0.00
90	Hexachlorobutadiene	20.000	22.665	-13.3	105	0.00
91 M	Naphthalene	20.000	19.764	1.2	90	0.00
92	1,2,3-Trichlorobenzene	20.000	20.472	-2.4	92	0.00

(#) = Out of Range

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