

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071523\
 Data File : VX036559.D
 Acq On : 14 Jul 2023 16:23
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 17 01:29:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 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	17.472	12.6	78	0.00
3 M	Chloromethane	20.000	18.094	9.5	87	0.00
4 M	Vinyl Chloride	20.000	17.816	10.9	82	0.00
5 M	Bromomethane	20.000	15.572	22.1	73	0.00
6 M	Chloroethane	20.000	20.491	-2.5	97	0.00
7 M	Trichlorofluoromethane	20.000	18.038	9.8	82	0.00
8 T	Diethyl Ether	20.000	18.724	6.4	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.975	10.1	86	0.00
10 M	1,1-Dichloroethene	20.000	17.556	12.2	85	0.00
11	Methyl Iodide	20.000	16.426	17.9	92	0.00
12	Methyl Acetate	20.000	18.730	6.3	95	0.00
13 M	Acrolein	100.000	71.283	28.7#	79	0.00
14 M	Acrylonitrile	100.000	96.282	3.7	97	0.00
15 M	Acetone	100.000	94.910	5.1	95	0.00
16 M	Carbon Disulfide	20.000	16.795	16.0	85	0.00
17	Allyl chloride	20.000	17.994	10.0	92	0.00
18 M	Methylene Chloride	20.000	19.063	4.7	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.821	10.9	88	0.00
20 T	Diisopropyl ether	20.000	19.475	2.6	98	0.00
21 M	1,1-Dichloroethane	20.000	18.863	5.7	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.717	6.4	93	0.00
23 M	tert-Butyl Alcohol	100.000	80.531	19.5	84	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.774	1.1	101	0.00
25 M	Chloroform	20.000	19.179	4.1	96	0.00
26	Cyclohexane	20.000	17.652	11.7	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.793	0.7	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	19.504	2.5	88	0.00
30 M	2-Butanone	100.000	98.229	1.8	93	0.00
31	2,2-Dichloropropane	20.000	18.971	5.1	91	0.00
32 M	1,1,1-Trichloroethane	20.000	19.548	2.3	89	-0.01
33 M	Carbon Tetrachloride	20.000	18.755	6.2	87	0.00
34 M	Benzene	20.000	19.958	0.2	93	0.00
35	Methacrylonitrile	20.000	20.499	-2.5	99	0.00
36 M	1,2-Dichloroethane	20.000	20.507	-2.5	98	-0.01
37 M	Trichloroethene	20.000	19.042	4.8	89	0.00
38	Methylcyclohexane	20.000	18.855	5.7	84	0.00
39 M	1,2-Dichloropropane	20.000	20.035	-0.2	96	0.00
40	Dibromomethane	20.000	19.847	0.8	97	0.00
41 M	Bromodichloromethane	20.000	20.252	-1.3	99	0.00
42 M	Vinyl Acetate	100.000	103.507	-3.5	100	0.00
43	Ethyl Acetate	20.000	20.420	-2.1	100	0.00
44	Isopropyl Acetate	20.000	20.477	-2.4	98	0.00
45 T	1,4-Dioxane	400.000	359.440	10.1	87	0.01
46	Methyl methacrylate	20.000	20.425	-2.1	101	0.00
47	n-amyl Acetate	20.000	20.736	-3.7	101	0.00
48 M	t-1,3-Dichloropropene	20.000	19.500	2.5	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.485	2.6	95	0.00
50 M	1,1,2-Trichloroethane	20.000	20.197	-1.0	95	0.00
51	Ethyl methacrylate	20.000	20.357	-1.8	98	0.00
52	1,3-Dichloropropane	20.000	20.865	-4.3	98	0.00
53 M	Dibromochloromethane	20.000	19.693	1.5	97	0.00
54 M	1,2-Dibromoethane	20.000	20.507	-2.5	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.431	-0.4	94	0.00
56 M	Bromoform	20.000	18.960	5.2	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.758	1.2	97	0.00
59 M	2-Hexanone	100.000	97.504	2.5	96	0.00
60 S	4-Bromofluorobenzene	30.000	29.716	0.9	92	0.00
61 M	Tetrachloroethene	20.000	17.542	12.3	83	0.00
62 M	Toluene	20.000	19.130	4.4	93	0.00
63 S	Toluene-d8	30.000	29.046	3.2	89	0.00
64 M	Chlorobenzene	20.000	19.221	3.9	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.017	4.9	95	0.00
66 M	Ethyl Benzene	20.000	18.879	5.6	91	0.00
67 M	m/p-Xylenes	40.000	38.130	4.7	92	0.00
68 M	o-Xylene	20.000	19.088	4.6	92	0.00
69 M	Styrene	20.000	19.205	4.0	94	0.00
70	Isopropylbenzene	20.000	18.704	6.5	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.192	-1.0	102	0.00
72	1,2,3-Trichloropropane	20.000	20.580	-2.9	103	0.00
73	Bromobenzene	20.000	19.448	2.8	97	0.00
74	n-propylbenzene	20.000	18.906	5.5	92	0.00
75	2-Chlorotoluene	20.000	19.159	4.2	91	0.00
76	1,3,5-Trimethylbenzene	20.000	18.810	6.0	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.903	15.5	93	0.00
78	4-Chlorotoluene	20.000	19.063	4.7	94	0.00
79	tert-butylbenzene	20.000	18.210	8.9	89	0.00
80	1,2,4-Trimethylbenzene	20.000	19.115	4.4	93	0.00
81	sec-Butylbenzene	20.000	18.200	9.0	86	0.00
82	p-Isopropyltoluene	20.000	18.781	6.1	89	0.00
83 M	1,3-Dichlorobenzene	20.000	18.875	5.6	93	0.00
84 M	1,4-Dichlorobenzene	20.000	19.326	3.4	97	0.00
85	n-Butylbenzene	20.000	17.737	11.3	87	0.00
86 T	Hexachloroethane	20.000	17.221	13.9	91	0.00
87 M	1,2-Dichlorobenzene	20.000	19.109	4.5	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.850	5.7	96	0.00
89	1,2,4-Trichlorobenzene	20.000	18.259	8.7	93	0.00
90	Hexachlorobutadiene	20.000	17.346	13.3	80	0.00
91 M	Naphthalene	20.000	19.347	3.3	98	0.00
92	1,2,3-Trichlorobenzene	20.000	17.952	10.2	90	0.00

(#) = Out of Range

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