

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071523\
 Data File : VX036548.D
 Acq On : 14 Jul 2023 08:49
 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 17 01:20:33 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	106	0.00
2 M	Dichlorodifluoromethane	20.000	18.460	7.7	94	0.00
3 M	Chloromethane	20.000	17.163	14.2	95	0.00
4 M	Vinyl Chloride	20.000	17.075	14.6	90	0.00
5 M	Bromomethane	20.000	17.089	14.6	91	0.00
6 M	Chloroethane	20.000	18.626	6.9	101	0.00
7 M	Trichlorofluoromethane	20.000	17.717	11.4	93	0.00
8 T	Diethyl Ether	20.000	18.163	9.2	109	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.520	7.4	102	0.00
10 M	1,1-Dichloroethene	20.000	17.491	12.5	97	0.00
11	Methyl Iodide	20.000	16.212	18.9	104	0.00
12	Methyl Acetate	20.000	17.564	12.2	102	0.00
13 M	Acrolein	100.000	56.113	43.9#	72	0.00
14 M	Acrylonitrile	100.000	86.564	13.4	100	0.00
15 M	Acetone	100.000	87.462	12.5	101	0.00
16 M	Carbon Disulfide	20.000	17.431	12.8	101	0.00
17	Allyl chloride	20.000	17.924	10.4	105	0.00
18 M	Methylene Chloride	20.000	18.703	6.5	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.894	10.5	102	0.00
20 T	Diisopropyl ether	20.000	18.937	5.3	110	0.00
21 M	1,1-Dichloroethane	20.000	17.904	10.5	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.082	9.6	103	-0.01
23 M	tert-Butyl Alcohol	100.000	85.179	14.8	102	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.650	6.8	110	0.00
25 M	Chloroform	20.000	18.457	7.7	106	0.00
26	Cyclohexane	20.000	18.103	9.5	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.604	1.3	108	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	19.575	2.1	101	0.00
30 M	2-Butanone	100.000	92.246	7.8	100	0.00
31	2,2-Dichloropropane	20.000	19.319	3.4	106	0.00
32 M	1,1,1-Trichloroethane	20.000	18.876	5.6	98	-0.01
33 M	Carbon Tetrachloride	20.000	19.224	3.9	102	0.00
34 M	Benzene	20.000	19.624	1.9	105	0.00
35	Methacrylonitrile	20.000	18.242	8.8	101	0.00
36 M	1,2-Dichloroethane	20.000	19.774	1.1	108	0.00
37 M	Trichloroethene	20.000	18.935	5.3	101	0.00
38	Methylcyclohexane	20.000	19.060	4.7	97	0.00
39 M	1,2-Dichloropropane	20.000	19.666	1.7	108	0.00
40	Dibromomethane	20.000	19.452	2.7	109	0.00
41 M	Bromodichloromethane	20.000	19.420	2.9	109	0.00
42 M	Vinyl Acetate	100.000	99.404	0.6	110	0.00
43	Ethyl Acetate	20.000	18.993	5.0	106	0.00
44	Isopropyl Acetate	20.000	19.209	4.0	105	0.00
45 T	1,4-Dioxane	400.000	356.603	10.8	99	0.00
46	Methyl methacrylate	20.000	19.128	4.4	108	0.00
47	n-amyl Acetate	20.000	19.293	3.5	108	0.00
48 M	t-1,3-Dichloropropene	20.000	19.530	2.3	112	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.633	1.8	109	0.00
50 M	1,1,2-Trichloroethane	20.000	20.313	-1.6	109	0.00
51	Ethyl methacrylate	20.000	19.490	2.6	107	0.00
52	1,3-Dichloropropane	20.000	19.926	0.4	107	0.00
53 M	Dibromochloromethane	20.000	19.484	2.6	110	0.00
54 M	1,2-Dibromoethane	20.000	20.025	-0.1	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.635	3.4	104	0.00
56 M	Bromoform	20.000	18.865	5.7	109	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.543	6.5	102	0.00
59 M	2-Hexanone	100.000	92.007	8.0	101	0.00
60 S	4-Bromofluorobenzene	30.000	30.804	-2.7	106	0.00
61 M	Tetrachloroethene	20.000	18.460	7.7	97	0.00
62 M	Toluene	20.000	19.198	4.0	103	0.00
63 S	Toluene-d8	30.000	29.941	0.2	102	0.00
64 M	Chlorobenzene	20.000	19.120	4.4	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.174	4.1	107	0.00
66 M	Ethyl Benzene	20.000	18.897	5.5	102	0.00
67 M	m/p-Xylenes	40.000	37.499	6.3	101	0.00
68 M	o-Xylene	20.000	18.968	5.2	102	0.00
69 M	Styrene	20.000	19.375	3.1	105	0.00
70	Isopropylbenzene	20.000	19.058	4.7	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.101	4.5	107	0.00
72	1,2,3-Trichloropropane	20.000	19.424	2.9	108	0.00
73	Bromobenzene	20.000	18.865	5.7	104	0.00
74	n-propylbenzene	20.000	18.894	5.5	102	0.00
75	2-Chlorotoluene	20.000	19.079	4.6	101	0.00
76	1,3,5-Trimethylbenzene	20.000	18.876	5.6	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.719	16.4	102	0.00
78	4-Chlorotoluene	20.000	19.311	3.4	106	0.00
79	tert-butylbenzene	20.000	18.299	8.5	99	0.00
80	1,2,4-Trimethylbenzene	20.000	19.161	4.2	104	0.00
81	sec-Butylbenzene	20.000	18.475	7.6	96	0.00
82	p-Isopropyltoluene	20.000	18.617	6.9	98	0.00
83 M	1,3-Dichlorobenzene	20.000	18.859	5.7	103	0.00
84 M	1,4-Dichlorobenzene	20.000	19.256	3.7	107	0.00
85	n-Butylbenzene	20.000	17.856	10.7	97	0.00
86 T	Hexachloroethane	20.000	17.880	10.6	105	0.00
87 M	1,2-Dichlorobenzene	20.000	19.355	3.2	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.933	15.3	96	0.00
89	1,2,4-Trichlorobenzene	20.000	17.870	10.6	101	0.00
90	Hexachlorobutadiene	20.000	18.143	9.3	93	0.00
91 M	Naphthalene	20.000	18.204	9.0	102	0.00
92	1,2,3-Trichlorobenzene	20.000	17.939	10.3	99	0.00

(#) = Out of Range

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