

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037961.D
 Acq On : 28 Sep 2023 19:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 29 05:33:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	18.774	6.1	95	0.00
3 M	Chloromethane	20.000	18.999	5.0	94	0.00
4 M	Vinyl Chloride	20.000	19.217	3.9	96	0.00
5 M	Bromomethane	20.000	19.184	4.1	92	0.00
6 M	Chloroethane	20.000	18.286	8.6	91	0.00
7 M	Trichlorofluoromethane	20.000	19.351	3.2	96	0.00
8 T	Diethyl Ether	20.000	19.510	2.4	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.930	5.4	96	0.00
10 M	1,1-Dichloroethene	20.000	18.588	7.1	93	0.00
11	Methyl Iodide	20.000	18.744	6.3	97	0.00
12	Methyl Acetate	20.000	19.407	3.0	96	0.00
13 M	Acrolein	100.000	89.539	10.5	89	0.00
14 M	Acrylonitrile	100.000	95.838	4.2	96	0.00
15 M	Acetone	100.000	90.059	9.9	88	0.00
16 M	Carbon Disulfide	20.000	18.587	7.1	99	0.00
17	Allyl chloride	20.000	18.616	6.9	95	0.00
18 M	Methylene Chloride	20.000	19.113	4.4	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.363	3.2	98	0.00
20 T	Diisopropyl ether	20.000	18.992	5.0	94	0.00
21 M	1,1-Dichloroethane	20.000	19.110	4.5	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.146	4.3	97	0.00
23 M	tert-Butyl Alcohol	100.000	97.324	2.7	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.030	4.8	96	0.00
25 M	Chloroform	20.000	19.136	4.3	96	0.00
26	Cyclohexane	20.000	18.439	7.8	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.025	-0.1	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	19.391	3.0	97	0.00
30 M	2-Butanone	100.000	95.468	4.5	94	0.00
31	2,2-Dichloropropane	20.000	17.876	10.6	89	0.00
32 M	1,1,1-Trichloroethane	20.000	18.970	5.2	95	0.00
33 M	Carbon Tetrachloride	20.000	18.943	5.3	96	0.00
34 M	Benzene	20.000	19.172	4.1	94	0.00
35	Methacrylonitrile	20.000	18.578	7.1	96	0.00
36 M	1,2-Dichloroethane	20.000	19.241	3.8	94	0.00
37 M	Trichloroethene	20.000	19.138	4.3	95	0.00
38	Methylcyclohexane	20.000	18.350	8.2	93	0.00
39 M	1,2-Dichloropropane	20.000	18.672	6.6	93	0.00
40	Dibromomethane	20.000	18.727	6.4	95	0.00
41 M	Bromodichloromethane	20.000	19.152	4.2	98	0.00
42 M	Vinyl Acetate	100.000	95.373	4.6	94	0.00
43	Ethyl Acetate	20.000	18.381	8.1	94	0.00
44	Isopropyl Acetate	20.000	18.698	6.5	95	0.00
45 T	1,4-Dioxane	400.000	395.889	1.0	99	0.00
46	Methyl methacrylate	20.000	18.911	5.4	94	0.00
47	n-amyl Acetate	20.000	17.948	10.3	92	0.00
48 M	t-1,3-Dichloropropene	20.000	18.129	9.4	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.642	6.8	96	0.00
50 M	1,1,2-Trichloroethane	20.000	19.594	2.0	99	0.00
51	Ethyl methacrylate	20.000	18.554	7.2	96	0.00
52	1,3-Dichloropropane	20.000	19.375	3.1	96	0.00
53 M	Dibromochloromethane	20.000	18.400	8.0	96	0.00
54 M	1,2-Dibromoethane	20.000	19.227	3.9	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.855	6.1	96	0.00
56 M	Bromoform	20.000	17.615	11.9	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.477	4.5	94	0.00
59 M	2-Hexanone	100.000	94.132	5.9	94	0.00
60 S	4-Bromofluorobenzene	30.000	29.577	1.4	102	0.00
61 M	Tetrachloroethene	20.000	19.139	4.3	97	0.00
62 M	Toluene	20.000	18.755	6.2	94	0.00
63 S	Toluene-d8	30.000	29.993	0.0	100	0.00
64 M	Chlorobenzene	20.000	19.036	4.8	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.581	7.1	95	0.00
66 M	Ethyl Benzene	20.000	18.932	5.3	95	0.00
67 M	m/p-Xylenes	40.000	37.838	5.4	96	0.00
68 M	o-Xylene	20.000	18.842	5.8	97	0.00
69 M	Styrene	20.000	18.717	6.4	97	0.00
70	Isopropylbenzene	20.000	18.919	5.4	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.819	5.9	96	0.00
72	1,2,3-Trichloropropane	20.000	18.490	7.6	95	0.00
73	Bromobenzene	20.000	18.565	7.2	97	0.00
74	n-propylbenzene	20.000	18.971	5.1	96	0.00
75	2-Chlorotoluene	20.000	18.889	5.6	97	0.00
76	1,3,5-Trimethylbenzene	20.000	18.724	6.4	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.024	19.9	93	0.00
78	4-Chlorotoluene	20.000	18.806	6.0	97	0.00
79	tert-butylbenzene	20.000	18.746	6.3	97	0.00
80	1,2,4-Trimethylbenzene	20.000	18.770	6.2	96	0.00
81	sec-Butylbenzene	20.000	18.960	5.2	97	0.00
82	p-Isopropyltoluene	20.000	18.659	6.7	96	0.00
83 M	1,3-Dichlorobenzene	20.000	18.779	6.1	97	0.00
84 M	1,4-Dichlorobenzene	20.000	19.117	4.4	99	0.00
85	n-Butylbenzene	20.000	18.320	8.4	97	0.00
86 T	Hexachloroethane	20.000	17.644	11.8	98	0.00
87 M	1,2-Dichlorobenzene	20.000	18.764	6.2	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.596	7.0	99	0.00
89	1,2,4-Trichlorobenzene	20.000	19.123	4.4	100	0.00
90	Hexachlorobutadiene	20.000	18.749	6.3	99	0.00
91 M	Naphthalene	20.000	19.193	4.0	97	0.00
92	1,2,3-Trichlorobenzene	20.000	18.896	5.5	97	0.00

(#) = Out of Range

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