

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072624\
 Data File : VX042555.D
 Acq On : 25 Jul 2024 09:46
 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 26 01:31:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:30:14 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	70	0.00
2 M	Dichlorodifluoromethane	20.000	18.945	5.3	72	0.00
3 M	Chloromethane	20.000	15.825	20.9	62	0.00
4 M	Vinyl Chloride	20.000	14.805	26.0#	57	0.00
5 M	Bromomethane	20.000	16.883	15.6	67	0.00
6 M	Chloroethane	20.000	17.200	14.0	64	0.00
7 M	Trichlorofluoromethane	20.000	17.121	14.4	62	0.00
8 T	Diethyl Ether	20.000	16.451	17.7	61	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.114	9.4	70	0.00
10 M	1,1-Dichloroethene	20.000	16.658	16.7	64	0.00
11	Methyl Iodide	20.000	15.891	20.5	65	0.00
12	Methyl Acetate	20.000	19.530	2.3	69	0.00
13 M	Acrolein	100.000	61.951	38.0#	49	0.00
14 M	Acrylonitrile	100.000	88.047	12.0	66	0.00
15 M	Acetone	100.000	84.054	15.9	62	0.00
16 M	Carbon Disulfide	20.000	14.727	26.4#	63	0.00
17	Allyl chloride	20.000	16.825	15.9	62	0.00
18 M	Methylene Chloride	20.000	17.328	13.4	64	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.275	13.6	67	0.00
20 T	Diisopropyl ether	20.000	16.830	15.9	63	0.00
21 M	1,1-Dichloroethane	20.000	17.316	13.4	65	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.386	13.1	66	0.00
23 M	tert-Butyl Alcohol	100.000	87.007	13.0	62	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.654	11.7	67	0.00
25 M	Chloroform	20.000	18.316	8.4	69	0.00
26	Cyclohexane	20.000	16.276	18.6	63	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.014	-0.0	72	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	69	0.00
29	1,1-Dichloropropene	20.000	17.364	13.2	65	0.00
30 M	2-Butanone	100.000	89.663	10.3	66	0.00
31	2,2-Dichloropropane	20.000	18.592	7.0	69	0.00
32 M	1,1,1-Trichloroethane	20.000	18.919	5.4	70	-0.01
33 M	Carbon Tetrachloride	20.000	18.789	6.1	71	0.00
34 M	Benzene	20.000	17.865	10.7	65	0.00
35	Methacrylonitrile	20.000	18.357	8.2	67	0.00
36 M	1,2-Dichloroethane	20.000	19.219	3.9	69	0.00
37 M	Trichloroethene	20.000	18.615	6.9	70	0.00
38	Methylcyclohexane	20.000	17.161	14.2	65	0.00
39 M	1,2-Dichloropropane	20.000	17.205	14.0	64	0.00
40	Dibromomethane	20.000	18.279	8.6	67	0.00
41 M	Bromodichloromethane	20.000	17.902	10.5	68	0.00
42 M	Vinyl Acetate	100.000	85.160	14.8	63	0.00
43	Ethyl Acetate	20.000	17.736	11.3	64	0.00
44	Isopropyl Acetate	20.000	17.167	14.2	63	0.00
45 T	1,4-Dioxane	400.000	355.159	11.2	62	0.00
46	Methyl methacrylate	20.000	17.492	12.5	64	0.00
47	n-amyl Acetate	20.000	15.907	20.5	63	0.00
48 M	t-1,3-Dichloropropene	20.000	17.289	13.6	67	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.642	11.8	67	0.00
50 M	1,1,2-Trichloroethane	20.000	18.355	8.2	66	0.00
51	Ethyl methacrylate	20.000	17.275	13.6	66	0.00
52	1,3-Dichloropropane	20.000	18.151	9.2	66	0.00
53 M	Dibromochloromethane	20.000	18.010	9.9	70	0.00
54 M	1,2-Dibromoethane	20.000	18.309	8.5	67	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.406	4.6	73	0.00
56 M	Bromoform	20.000	17.554	12.2	71	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	72	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.855	9.1	66	0.00
59 M	2-Hexanone	100.000	89.544	10.5	67	0.00
60 S	4-Bromofluorobenzene	30.000	30.149	-0.5	73	0.00
61 M	Tetrachloroethene	20.000	19.508	2.5	72	0.00
62 M	Toluene	20.000	18.006	10.0	66	0.00
63 S	Toluene-d8	30.000	30.157	-0.5	70	0.00
64 M	Chlorobenzene	20.000	18.418	7.9	70	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.531	7.3	70	0.00
66 M	Ethyl Benzene	20.000	17.992	10.0	68	0.00
67 M	m/p-Xylenes	40.000	36.451	8.9	69	0.00
68 M	o-Xylene	20.000	17.886	10.6	68	0.00
69 M	Styrene	20.000	17.741	11.3	68	0.00
70	Isopropylbenzene	20.000	18.627	6.9	70	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.102	9.5	67	0.00
72	1,2,3-Trichloropropane	20.000	20.720	-3.6	77	0.00
73	Bromobenzene	20.000	18.630	6.9	71	0.00
74	n-propylbenzene	20.000	18.110	9.5	70	0.00
75	2-Chlorotoluene	20.000	18.787	6.1	71	0.00
76	1,3,5-Trimethylbenzene	20.000	18.540	7.3	71	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.458	17.7	70	0.00
78	4-Chlorotoluene	20.000	18.271	8.6	70	0.00
79	tert-butylbenzene	20.000	18.353	8.2	70	0.00
80	1,2,4-Trimethylbenzene	20.000	18.165	9.2	70	0.00
81	sec-Butylbenzene	20.000	18.200	9.0	70	0.00
82	p-Isopropyltoluene	20.000	18.572	7.1	73	0.00
83 M	1,3-Dichlorobenzene	20.000	18.511	7.4	72	0.00
84 M	1,4-Dichlorobenzene	20.000	18.424	7.9	73	0.00
85	n-Butylbenzene	20.000	17.271	13.6	71	0.00
86 T	Hexachloroethane	20.000	17.177	14.1	71	0.00
87 M	1,2-Dichlorobenzene	20.000	18.717	6.4	72	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.760	11.2	70	0.00
89	1,2,4-Trichlorobenzene	20.000	17.498	12.5	72	0.00
90	Hexachlorobutadiene	20.000	19.743	1.3	79	0.00
91 M	Naphthalene	20.000	17.344	13.3	69	0.00
92	1,2,3-Trichlorobenzene	20.000	17.948	10.3	73	0.00

(#) = Out of Range

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