

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072624\
 Data File : VX042563.D
 Acq On : 25 Jul 2024 13:07
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 26 01:36:11 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	67	0.00
2 M	Dichlorodifluoromethane	20.000	19.585	2.1	71	0.00
3 M	Chloromethane	20.000	16.376	18.1	61	0.00
4 M	Vinyl Chloride	20.000	15.292	23.5	56	0.00
5 M	Bromomethane	20.000	17.438	12.8	66	0.00
6 M	Chloroethane	20.000	21.286	-6.4	75	0.00
7 M	Trichlorofluoromethane	20.000	18.857	5.7	66	0.00
8 T	Diethyl Ether	20.000	17.733	11.3	63	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.562	7.2	69	0.00
10 M	1,1-Dichloroethene	20.000	18.443	7.8	68	0.00
11	Methyl Iodide	20.000	19.209	4.0	75	0.00
12	Methyl Acetate	20.000	21.523	-7.6	72	0.00
13 M	Acrolein	100.000	56.614	43.4#	43	0.00
14 M	Acrylonitrile	100.000	94.257	5.7	67	0.00
15 M	Acetone	100.000	82.794	17.2	58	0.00
16 M	Carbon Disulfide	20.000	17.645	11.8	71	0.00
17	Allyl chloride	20.000	17.936	10.3	63	0.00
18 M	Methylene Chloride	20.000	18.649	6.8	66	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.317	8.4	68	0.00
20 T	Diisopropyl ether	20.000	18.234	8.8	65	0.00
21 M	1,1-Dichloroethane	20.000	18.774	6.1	67	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.992	5.0	68	0.00
23 M	tert-Butyl Alcohol	100.000	98.398	1.6	66	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.537	2.3	70	0.00
25 M	Chloroform	20.000	19.512	2.4	70	0.00
26	Cyclohexane	20.000	17.072	14.6	63	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.065	-0.2	69	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	66	0.00
29	1,1-Dichloropropene	20.000	18.761	6.2	67	0.00
30 M	2-Butanone	100.000	93.471	6.5	65	0.00
31	2,2-Dichloropropane	20.000	17.657	11.7	62	0.00
32 M	1,1,1-Trichloroethane	20.000	20.467	-2.3	72	0.00
33 M	Carbon Tetrachloride	20.000	20.088	-0.4	72	0.00
34 M	Benzene	20.000	19.329	3.4	67	0.00
35	Methacrylonitrile	20.000	20.503	-2.5	71	0.00
36 M	1,2-Dichloroethane	20.000	20.458	-2.3	70	0.00
37 M	Trichloroethene	20.000	19.895	0.5	71	0.00
38	Methylcyclohexane	20.000	17.689	11.6	64	0.00
39 M	1,2-Dichloropropane	20.000	19.273	3.6	68	0.00
40	Dibromomethane	20.000	20.205	-1.0	71	0.00
41 M	Bromodichloromethane	20.000	19.996	0.0	72	0.00
42 M	Vinyl Acetate	100.000	92.091	7.9	65	0.00
43	Ethyl Acetate	20.000	19.741	1.3	68	0.00
44	Isopropyl Acetate	20.000	18.959	5.2	67	0.00
45 T	1,4-Dioxane	400.000	300.831	24.8	50	0.00
46	Methyl methacrylate	20.000	18.598	7.0	65	0.00
47	n-amyl Acetate	20.000	18.029	9.9	68	0.00
48 M	t-1,3-Dichloropropene	20.000	18.633	6.8	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.789	6.1	68	0.00
50 M	1,1,2-Trichloroethane	20.000	20.462	-2.3	71	0.00
51	Ethyl methacrylate	20.000	19.020	4.9	70	0.00
52	1,3-Dichloropropane	20.000	19.816	0.9	68	0.00
53 M	Dibromochloromethane	20.000	20.373	-1.9	75	0.00
54 M	1,2-Dibromoethane	20.000	20.185	-0.9	70	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.051	5.9	69	0.00
56 M	Bromoform	20.000	19.701	1.5	76	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	68	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.588	2.4	68	0.00
59 M	2-Hexanone	100.000	95.562	4.4	68	0.00
60 S	4-Bromofluorobenzene	30.000	29.677	1.1	69	0.00
61 M	Tetrachloroethene	20.000	19.869	0.7	70	0.00
62 M	Toluene	20.000	19.564	2.2	69	0.00
63 S	Toluene-d8	30.000	29.704	1.0	66	0.00
64 M	Chlorobenzene	20.000	19.313	3.4	70	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.816	0.9	72	0.00
66 M	Ethyl Benzene	20.000	19.176	4.1	70	0.00
67 M	m/p-Xylenes	40.000	39.375	1.6	71	0.00
68 M	o-Xylene	20.000	19.382	3.1	70	0.00
69 M	Styrene	20.000	19.298	3.5	71	0.00
70	Isopropylbenzene	20.000	19.680	1.6	71	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.114	-0.6	72	0.00
72	1,2,3-Trichloropropane	20.000	21.716	-8.6	78	0.00
73	Bromobenzene	20.000	20.228	-1.1	74	0.00
74	n-propylbenzene	20.000	19.000	5.0	71	0.00
75	2-Chlorotoluene	20.000	19.602	2.0	71	0.00
76	1,3,5-Trimethylbenzene	20.000	19.695	1.5	72	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.316	18.4	66	0.00
78	4-Chlorotoluene	20.000	18.981	5.1	70	0.00
79	tert-butylbenzene	20.000	19.774	1.1	73	0.00
80	1,2,4-Trimethylbenzene	20.000	19.597	2.0	72	0.00
81	sec-Butylbenzene	20.000	18.984	5.1	70	0.00
82	p-Isopropyltoluene	20.000	19.380	3.1	73	0.00
83 M	1,3-Dichlorobenzene	20.000	19.301	3.5	72	0.00
84 M	1,4-Dichlorobenzene	20.000	19.544	2.3	74	0.00
85	n-Butylbenzene	20.000	17.625	11.9	69	0.00
86 T	Hexachloroethane	20.000	18.411	7.9	73	0.00
87 M	1,2-Dichlorobenzene	20.000	19.677	1.6	73	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.856	0.7	75	0.00
89	1,2,4-Trichlorobenzene	20.000	18.469	7.7	73	0.00
90	Hexachlorobutadiene	20.000	18.847	5.8	72	0.00
91 M	Naphthalene	20.000	18.939	5.3	72	0.00
92	1,2,3-Trichlorobenzene	20.000	19.041	4.8	74	0.00

(#) = Out of Range

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