

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\X030924\
 Data File : VX040628.D
 Acq On : 08 Mar 2024 15:30
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 08 23:53:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	20.380	-1.9	107	0.00
3 M	Chloromethane	20.000	19.590	2.1	100	0.00
4 M	Vinyl Chloride	20.000	19.966	0.2	103	0.00
5 M	Bromomethane	20.000	25.271	-26.4#	110	0.01
6 M	Chloroethane	20.000	20.912	-4.6	117	0.02
7 M	Trichlorofluoromethane	20.000	20.144	-0.7	111	0.01
8 T	Diethyl Ether	20.000	19.805	1.0	108	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.527	-2.6	107	0.00
10 M	1,1-Dichloroethene	20.000	19.415	2.9	103	0.00
11	Methyl Iodide	20.000	15.404	23.0	83	0.00
12	Methyl Acetate	20.000	20.113	-0.6	105	0.00
13 M	Acrolein	100.000	99.298	0.7	106	0.00
14 M	Acrylonitrile	100.000	97.921	2.1	101	0.00
15 M	Acetone	100.000	89.216	10.8	86	0.00
16 M	Carbon Disulfide	20.000	18.483	7.6	100	0.01
17	Allyl chloride	20.000	19.747	1.3	104	0.00
18 M	Methylene Chloride	20.000	19.116	4.4	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.409	-2.0	106	0.00
20 T	Diisopropyl ether	20.000	19.706	1.5	103	0.00
21 M	1,1-Dichloroethane	20.000	20.110	-0.5	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.922	0.4	103	0.00
23 M	tert-Butyl Alcohol	100.000	89.940	10.1	97	-0.03
24 M	Methyl tert-Butyl Ether	20.000	19.866	0.7	105	0.00
25 M	Chloroform	20.000	19.731	1.3	104	0.00
26	Cyclohexane	20.000	19.916	0.4	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.090	3.0	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	20.785	-3.9	110	0.00
30 M	2-Butanone	100.000	96.475	3.5	96	0.00
31	2,2-Dichloropropane	20.000	20.860	-4.3	106	0.00
32 M	1,1,1-Trichloroethane	20.000	20.218	-1.1	105	0.01
33 M	Carbon Tetrachloride	20.000	20.687	-3.4	109	0.00
34 M	Benzene	20.000	20.360	-1.8	104	0.00
35	Methacrylonitrile	20.000	19.279	3.6	97	0.00
36 M	1,2-Dichloroethane	20.000	20.753	-3.8	104	0.01
37 M	Trichloroethene	20.000	20.737	-3.7	108	0.00
38	Methylcyclohexane	20.000	21.468	-7.3	110	0.00
39 M	1,2-Dichloropropane	20.000	20.899	-4.5	105	0.00
40	Dibromomethane	20.000	20.428	-2.1	100	0.00
41 M	Bromodichloromethane	20.000	20.209	-1.0	102	0.00
42 M	Vinyl Acetate	100.000	100.626	-0.6	104	0.00
43	Ethyl Acetate	20.000	19.291	3.5	95	0.00
44	Isopropyl Acetate	20.000	20.031	-0.2	103	0.00
45 T	1,4-Dioxane	400.000	334.915	16.3	82	0.00
46	Methyl methacrylate	20.000	21.090	-5.4	105	0.00
47	n-amyl Acetate	20.000	19.626	1.9	112	0.00
48 M	t-1,3-Dichloropropene	20.000	19.751	1.2	106	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	20.686	-3.4	108	0.00
50 M	1,1,2-Trichloroethane	20.000	20.300	-1.5	102	0.00
51	Ethyl methacrylate	20.000	20.411	-2.1	104	0.00
52	1,3-Dichloropropane	20.000	20.657	-3.3	103	0.00
53 M	Dibromochloromethane	20.000	19.638	1.8	101	0.00
54 M	1,2-Dibromoethane	20.000	19.952	0.2	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	108.397	-8.4	105	0.00
56 M	Bromoform	20.000	18.784	6.1	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.812	0.2	100	0.00
59 M	2-Hexanone	100.000	98.168	1.8	101	0.00
60 S	4-Bromofluorobenzene	30.000	30.774	-2.6	111	0.00
61 M	Tetrachloroethene	20.000	21.028	-5.1	108	0.00
62 M	Toluene	20.000	20.157	-0.8	103	0.00
63 S	Toluene-d8	30.000	29.686	1.0	94	0.00
64 M	Chlorobenzene	20.000	20.193	-1.0	115	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.630	-3.1	119	0.00
66 M	Ethyl Benzene	20.000	20.781	-3.9	120	0.00
67 M	m/p-Xylenes	40.000	40.551	-1.4	116	0.00
68 M	o-Xylene	20.000	19.755	1.2	111	0.00
69 M	Styrene	20.000	19.566	2.2	110	0.00
70	Isopropylbenzene	20.000	20.405	-2.0	117	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.195	-1.0	113	0.00
72	1,2,3-Trichloropropane	20.000	20.128	-0.6	120	0.00
73	Bromobenzene	20.000	21.060	-5.3	120	0.00
74	n-propylbenzene	20.000	20.795	-4.0	121	0.00
75	2-Chlorotoluene	20.000	21.249	-6.2	124	0.00
76	1,3,5-Trimethylbenzene	20.000	20.880	-4.4	122	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.296	8.5	105	0.00
78	4-Chlorotoluene	20.000	20.916	-4.6	127	0.00
79	tert-butylbenzene	20.000	20.550	-2.8	124	0.00
80	1,2,4-Trimethylbenzene	20.000	20.482	-2.4	123	0.00
81	sec-Butylbenzene	20.000	20.801	-4.0	125	0.00
82	p-Isopropyltoluene	20.000	20.721	-3.6	124	0.00
83 M	1,3-Dichlorobenzene	20.000	20.556	-2.8	120	0.00
84 M	1,4-Dichlorobenzene	20.000	20.316	-1.6	119	0.00
85	n-Butylbenzene	20.000	20.235	-1.2	122	0.00
86 T	Hexachloroethane	20.000	19.959	0.2	125	0.00
87 M	1,2-Dichlorobenzene	20.000	20.584	-2.9	119	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.917	0.4	116	0.00
89	1,2,4-Trichlorobenzene	20.000	18.840	5.8	110	0.00
90	Hexachlorobutadiene	20.000	18.533	7.3	109	0.00
91 M	Naphthalene	20.000	17.921	10.4	106	0.00
92	1,2,3-Trichlorobenzene	20.000	17.733	11.3	103	0.00

(#) = Out of Range

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