

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
 Data File : VX040620.D
 Acq On : 08 Mar 2024 10:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 08 23:49:51 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	19.819	0.9	109	0.00
3 M	Chloromethane	20.000	19.602	2.0	105	0.00
4 M	Vinyl Chloride	20.000	19.671	1.6	108	0.00
5 M	Bromomethane	20.000	27.297	-36.5#	126	0.01
6 M	Chloroethane	20.000	21.293	-6.5	126	0.02
7 M	Trichlorofluoromethane	20.000	19.810	1.0	115	0.01
8 T	Diethyl Ether	20.000	17.674	11.6	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.539	-2.7	113	0.00
10 M	1,1-Dichloroethene	20.000	20.266	-1.3	113	0.00
11	Methyl Iodide	20.000	13.763	31.2#	79	0.00
12	Methyl Acetate	20.000	19.081	4.6	106	0.00
13 M	Acrolein	100.000	79.815	20.2	90	0.00
14 M	Acrylonitrile	100.000	95.251	4.7	104	0.00
15 M	Acetone	100.000	97.568	2.4	100	0.00
16 M	Carbon Disulfide	20.000	18.652	6.7	106	0.00
17	Allyl chloride	20.000	19.763	1.2	110	0.00
18 M	Methylene Chloride	20.000	19.591	2.0	108	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.319	3.4	106	0.00
20 T	Diisopropyl ether	20.000	19.834	0.8	110	0.00
21 M	1,1-Dichloroethane	20.000	19.872	0.6	109	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.309	3.5	105	0.00
23 M	tert-Butyl Alcohol	100.000	88.271	11.7	101	-0.04
24 M	Methyl tert-Butyl Ether	20.000	19.430	2.9	108	0.00
25 M	Chloroform	20.000	20.114	-0.6	112	0.00
26	Cyclohexane	20.000	19.491	2.5	111	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.904	3.7	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	20.456	-2.3	114	0.00
30 M	2-Butanone	100.000	99.283	0.7	104	0.00
31	2,2-Dichloropropane	20.000	20.635	-3.2	111	0.00
32 M	1,1,1-Trichloroethane	20.000	20.305	-1.5	112	0.00
33 M	Carbon Tetrachloride	20.000	19.916	0.4	111	0.00
34 M	Benzene	20.000	20.253	-1.3	109	0.00
35	Methacrylonitrile	20.000	19.788	1.1	105	0.00
36 M	1,2-Dichloroethane	20.000	20.324	-1.6	108	0.00
37 M	Trichloroethene	20.000	20.432	-2.2	112	0.00
38	Methylcyclohexane	20.000	21.099	-5.5	114	0.00
39 M	1,2-Dichloropropane	20.000	20.962	-4.8	111	0.00
40	Dibromomethane	20.000	21.343	-6.7	110	0.00
41 M	Bromodichloromethane	20.000	21.153	-5.8	113	0.00
42 M	Vinyl Acetate	100.000	99.171	0.8	108	0.00
43	Ethyl Acetate	20.000	19.139	4.3	99	0.00
44	Isopropyl Acetate	20.000	19.246	3.8	105	0.00
45 T	1,4-Dioxane	400.000	376.982	5.8	97	0.00
46	Methyl methacrylate	20.000	20.079	-0.4	105	0.00
47	n-amyl Acetate	20.000	16.957	15.2	102	0.00
48 M	t-1,3-Dichloropropene	20.000	19.157	4.2	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.690	-3.5	114	0.00
50 M	1,1,2-Trichloroethane	20.000	21.279	-6.4	113	0.00
51	Ethyl methacrylate	20.000	20.301	-1.5	109	0.00
52	1,3-Dichloropropane	20.000	20.678	-3.4	109	0.00
53 M	Dibromochloromethane	20.000	20.382	-1.9	111	0.00
54 M	1,2-Dibromoethane	20.000	20.209	-1.0	108	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.883	10.1	92	0.00
56 M	Bromoform	20.000	18.539	7.3	108	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.157	-0.2	106	0.00
59 M	2-Hexanone	100.000	99.224	0.8	107	0.00
60 S	4-Bromofluorobenzene	30.000	26.352	12.2	100	0.00
61 M	Tetrachloroethene	20.000	21.104	-5.5	113	0.00
62 M	Toluene	20.000	20.439	-2.2	109	0.00
63 S	Toluene-d8	30.000	30.345	-1.1	101	0.00
64 M	Chlorobenzene	20.000	20.731	-3.7	124	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.639	-3.2	125	0.00
66 M	Ethyl Benzene	20.000	20.564	-2.8	124	0.00
67 M	m/p-Xylenes	40.000	39.712	0.7	120	0.00
68 M	o-Xylene	20.000	19.012	4.9	113	0.00
69 M	Styrene	20.000	18.802	6.0	111	0.00
70	Isopropylbenzene	20.000	19.542	2.3	117	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.348	8.3	108	0.00
72	1,2,3-Trichloropropane	20.000	17.722	11.4	111	0.00
73	Bromobenzene	20.000	18.981	5.1	113	0.00
74	n-propylbenzene	20.000	18.333	8.3	112	0.00
75	2-Chlorotoluene	20.000	18.114	9.4	111	0.00
76	1,3,5-Trimethylbenzene	20.000	18.795	6.0	115	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.548	17.3	100	0.00
78	4-Chlorotoluene	20.000	18.568	7.2	118	0.00
79	tert-butylbenzene	20.000	18.067	9.7	114	0.00
80	1,2,4-Trimethylbenzene	20.000	18.048	9.8	114	0.00
81	sec-Butylbenzene	20.000	18.312	8.4	115	0.00
82	p-Isopropyltoluene	20.000	18.311	8.4	115	0.00
83 M	1,3-Dichlorobenzene	20.000	18.510	7.4	114	0.00
84 M	1,4-Dichlorobenzene	20.000	18.297	8.5	113	0.00
85	n-Butylbenzene	20.000	20.287	-1.4	128	0.00
86 T	Hexachloroethane	20.000	19.515	2.4	128	0.00
87 M	1,2-Dichlorobenzene	20.000	20.455	-2.3	124	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.479	2.6	119	0.00
89	1,2,4-Trichlorobenzene	20.000	20.508	-2.5	126	0.00
90	Hexachlorobutadiene	20.000	21.076	-5.4	130	0.00
91 M	Naphthalene	20.000	19.388	3.1	120	0.00
92	1,2,3-Trichlorobenzene	20.000	20.396	-2.0	125	0.00

(#) = Out of Range

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