

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
 Data File : VX041778.D
 Acq On : 07 Jun 2024 09:55
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 08 04:01:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 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	20.481	-2.4	104	0.00
3 M	Chloromethane	20.000	20.231	-1.2	96	0.00
4 M	Vinyl Chloride	20.000	19.969	0.2	96	0.00
5 M	Bromomethane	20.000	21.098	-5.5	105	0.00
6 M	Chloroethane	20.000	24.519	-22.6	119	0.00
7 M	Trichlorofluoromethane	20.000	21.272	-6.4	101	0.00
8 T	Diethyl Ether	20.000	23.391	-17.0	116	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.015	-15.1	102	0.00
10 M	1,1-Dichloroethene	20.000	21.689	-8.4	96	0.00
11	Methyl Iodide	20.000	23.728	-18.6	113	0.00
12	Methyl Acetate	20.000	29.156	-45.8#	137	0.00
13 M	Acrolein	100.000	63.368	36.6#	58	0.00
14 M	Acrylonitrile	100.000	119.217	-19.2	116	0.00
15 M	Acetone	100.000	123.556	-23.6	110	0.00
16 M	Carbon Disulfide	20.000	16.353	18.2	82	0.00
17	Allyl chloride	20.000	21.890	-9.5	103	0.00
18 M	Methylene Chloride	20.000	22.691	-13.5	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.786	1.1	95	0.00
20 T	Diisopropyl ether	20.000	22.053	-10.3	105	0.00
21 M	1,1-Dichloroethane	20.000	21.696	-8.5	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.422	-2.1	100	0.00
23 M	tert-Butyl Alcohol	100.000	101.884	-1.9	99	-0.01
24 M	Methyl tert-Butyl Ether	20.000	21.317	-6.6	104	0.00
25 M	Chloroform	20.000	21.497	-7.5	104	0.00
26	Cyclohexane	20.000	19.695	1.5	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.738	-2.5	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	19.736	1.3	96	0.00
30 M	2-Butanone	100.000	117.671	-17.7	113	0.00
31	2,2-Dichloropropane	20.000	19.656	1.7	94	0.00
32 M	1,1,1-Trichloroethane	20.000	20.332	-1.7	99	0.00
33 M	Carbon Tetrachloride	20.000	20.184	-0.9	99	0.00
34 M	Benzene	20.000	21.242	-6.2	101	0.00
35	Methacrylonitrile	20.000	23.321	-16.6	112	-0.01
36 M	1,2-Dichloroethane	20.000	21.786	-8.9	104	0.00
37 M	Trichloroethene	20.000	20.112	-0.6	97	0.00
38	Methylcyclohexane	20.000	19.404	3.0	93	0.00
39 M	1,2-Dichloropropane	20.000	22.188	-10.9	104	0.00
40	Dibromomethane	20.000	21.699	-8.5	107	0.00
41 M	Bromodichloromethane	20.000	21.080	-5.4	105	0.00
42 M	Vinyl Acetate	100.000	105.324	-5.3	101	0.00
43	Ethyl Acetate	20.000	22.633	-13.2	109	0.00
44	Isopropyl Acetate	20.000	22.237	-11.2	109	0.00
45 T	1,4-Dioxane	400.000	340.178	15.0	80	0.00
46	Methyl methacrylate	20.000	22.192	-11.0	109	0.00
47	n-amyl Acetate	20.000	21.299	-6.5	105	0.00
48 M	t-1,3-Dichloropropene	20.000	19.710	1.4	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.756	-3.8	104	0.00
50 M	1,1,2-Trichloroethane	20.000	22.418	-12.1	108	0.00
51	Ethyl methacrylate	20.000	21.462	-7.3	107	0.00
52	1,3-Dichloropropane	20.000	22.512	-12.6	107	0.00
53 M	Dibromochloromethane	20.000	20.579	-2.9	105	0.00
54 M	1,2-Dibromoethane	20.000	21.727	-8.6	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.915	-3.9	98	0.00
56 M	Bromoform	20.000	19.910	0.4	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	120.345	-20.3	113	0.00
59 M	2-Hexanone	100.000	116.542	-16.5	112	0.00
60 S	4-Bromofluorobenzene	30.000	31.227	-4.1	97	0.00
61 M	Tetrachloroethene	20.000	20.000	0.0	97	0.00
62 M	Toluene	20.000	21.029	-5.1	101	0.00
63 S	Toluene-d8	30.000	29.577	1.4	92	0.00
64 M	Chlorobenzene	20.000	21.358	-6.8	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.148	-5.7	104	0.00
66 M	Ethyl Benzene	20.000	21.111	-5.6	101	0.00
67 M	m/p-Xylenes	40.000	42.766	-6.9	100	0.00
68 M	o-Xylene	20.000	20.960	-4.8	102	0.00
69 M	Styrene	20.000	21.340	-6.7	104	0.00
70	Isopropylbenzene	20.000	21.871	-9.4	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.928	-14.6	110	0.00
72	1,2,3-Trichloropropane	20.000	20.528	-2.6	98	0.00
73	Bromobenzene	20.000	20.958	-4.8	103	0.00
74	n-propylbenzene	20.000	21.563	-7.8	104	0.00
75	2-Chlorotoluene	20.000	21.692	-8.5	104	0.00
76	1,3,5-Trimethylbenzene	20.000	21.228	-6.1	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.248	-1.2	106	0.00
78	4-Chlorotoluene	20.000	21.341	-6.7	102	0.00
79	tert-butylbenzene	20.000	21.215	-6.1	103	0.00
80	1,2,4-Trimethylbenzene	20.000	21.446	-7.2	102	0.00
81	sec-Butylbenzene	20.000	21.264	-6.3	103	0.00
82	p-Isopropyltoluene	20.000	21.161	-5.8	103	0.00
83 M	1,3-Dichlorobenzene	20.000	20.783	-3.9	102	0.00
84 M	1,4-Dichlorobenzene	20.000	20.900	-4.5	103	0.00
85	n-Butylbenzene	20.000	20.468	-2.3	104	0.00
86 T	Hexachloroethane	20.000	20.118	-0.6	105	0.00
87 M	1,2-Dichlorobenzene	20.000	21.292	-6.5	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.557	-7.8	108	0.00
89	1,2,4-Trichlorobenzene	20.000	20.266	-1.3	102	0.00
90	Hexachlorobutadiene	20.000	20.886	-4.4	103	0.00
91 M	Naphthalene	20.000	21.011	-5.1	104	0.00
92	1,2,3-Trichlorobenzene	20.000	20.889	-4.4	102	0.00

(#) = Out of Range

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