

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
 Data File : VX041795.D
 Acq On : 07 Jun 2024 17:53
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 08 04:09:34 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	84	0.00
2 M	Dichlorodifluoromethane	20.000	20.655	-3.3	94	0.00
3 M	Chloromethane	20.000	20.899	-4.5	88	0.00
4 M	Vinyl Chloride	20.000	19.958	0.2	86	0.00
5 M	Bromomethane	20.000	17.595	12.0	78	0.00
6 M	Chloroethane	20.000	33.381	-66.9#	145	0.00
7 M	Trichlorofluoromethane	20.000	24.873	-24.4	106	0.00
8 T	Diethyl Ether	20.000	27.936	-39.7#	124	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.528	-12.6	89	0.00
10 M	1,1-Dichloroethene	20.000	22.296	-11.5	88	0.00
11	Methyl Iodide	20.000	20.292	-1.5	87	0.00
12	Methyl Acetate	20.000	32.909	-64.5#	139	0.00
13 M	Acrolein	100.000	108.944	-8.9	89	0.00
14 M	Acrylonitrile	100.000	122.904	-22.9	107	0.00
15 M	Acetone	100.000	129.798	-29.8#	104	0.00
16 M	Carbon Disulfide	20.000	17.892	10.5	80	0.00
17	Allyl chloride	20.000	22.318	-11.6	94	0.00
18 M	Methylene Chloride	20.000	23.068	-15.3	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.051	-0.3	87	0.00
20 T	Diisopropyl ether	20.000	22.409	-12.0	96	0.00
21 M	1,1-Dichloroethane	20.000	22.158	-10.8	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.237	-6.2	94	0.00
23 M	tert-Butyl Alcohol	100.000	120.915	-20.9	105	-0.01
24 M	Methyl tert-Butyl Ether	20.000	22.067	-10.3	96	0.00
25 M	Chloroform	20.000	22.285	-11.4	96	0.00
26	Cyclohexane	20.000	20.042	-0.2	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.421	-4.7	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	84	0.00
29	1,1-Dichloropropene	20.000	20.005	-0.0	87	0.00
30 M	2-Butanone	100.000	123.231	-23.2	106	0.00
31	2,2-Dichloropropane	20.000	19.170	4.1	82	0.00
32 M	1,1,1-Trichloroethane	20.000	21.082	-5.4	91	0.00
33 M	Carbon Tetrachloride	20.000	20.920	-4.6	92	0.00
34 M	Benzene	20.000	21.857	-9.3	93	0.00
35	Methacrylonitrile	20.000	24.465	-22.3	105	-0.01
36 M	1,2-Dichloroethane	20.000	22.260	-11.3	95	0.00
37 M	Trichloroethene	20.000	20.403	-2.0	88	0.00
38	Methylcyclohexane	20.000	19.795	1.0	85	0.00
39 M	1,2-Dichloropropane	20.000	22.881	-14.4	96	0.00
40	Dibromomethane	20.000	22.279	-11.4	98	0.00
41 M	Bromodichloromethane	20.000	21.847	-9.2	97	0.00
42 M	Vinyl Acetate	100.000	109.018	-9.0	94	0.00
43	Ethyl Acetate	20.000	23.880	-19.4	103	0.00
44	Isopropyl Acetate	20.000	23.177	-15.9	101	0.00
45 T	1,4-Dioxane	400.000	401.984	-0.5	85	0.00
46	Methyl methacrylate	20.000	23.253	-16.3	102	0.00
47	n-amyl Acetate	20.000	22.399	-12.0	99	0.00
48 M	t-1,3-Dichloropropene	20.000	20.328	-1.6	93	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	20.961	-4.8	94	0.00
50 M	1,1,2-Trichloroethane	20.000	23.115	-15.6	100	0.00
51	Ethyl methacrylate	20.000	22.231	-11.2	99	0.00
52	1,3-Dichloropropane	20.000	22.834	-14.2	97	0.00
53 M	Dibromochloromethane	20.000	21.311	-6.6	97	0.00
54 M	1,2-Dibromoethane	20.000	22.146	-10.7	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	115.584	-15.6	98	0.00
56 M	Bromoform	20.000	21.072	-5.4	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	125.731	-25.7#	105	0.00
59 M	2-Hexanone	100.000	121.213	-21.2	104	0.00
60 S	4-Bromofluorobenzene	30.000	30.360	-1.2	84	0.00
61 M	Tetrachloroethene	20.000	19.993	0.0	86	0.00
62 M	Toluene	20.000	21.791	-9.0	93	0.00
63 S	Toluene-d8	30.000	29.996	0.0	83	0.00
64 M	Chlorobenzene	20.000	21.658	-8.3	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	22.226	-11.1	97	0.00
66 M	Ethyl Benzene	20.000	21.591	-8.0	92	0.00
67 M	m/p-Xylenes	40.000	43.667	-9.2	91	0.00
68 M	o-Xylene	20.000	21.543	-7.7	93	0.00
69 M	Styrene	20.000	21.455	-7.3	93	0.00
70	Isopropylbenzene	20.000	21.967	-9.8	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	23.804	-19.0	102	0.00
72	1,2,3-Trichloropropane	20.000	20.930	-4.6	89	0.00
73	Bromobenzene	20.000	21.205	-6.0	92	0.00
74	n-propylbenzene	20.000	21.345	-6.7	92	0.00
75	2-Chlorotoluene	20.000	21.872	-9.4	93	0.00
76	1,3,5-Trimethylbenzene	20.000	21.160	-5.8	91	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.175	-0.9	94	0.00
78	4-Chlorotoluene	20.000	21.107	-5.5	90	0.00
79	tert-butylbenzene	20.000	21.406	-7.0	92	0.00
80	1,2,4-Trimethylbenzene	20.000	21.639	-8.2	92	0.00
81	sec-Butylbenzene	20.000	21.065	-5.3	91	0.00
82	p-Isopropyltoluene	20.000	20.756	-3.8	90	0.00
83 M	1,3-Dichlorobenzene	20.000	20.727	-3.6	91	0.00
84 M	1,4-Dichlorobenzene	20.000	20.325	-1.6	89	0.00
85	n-Butylbenzene	20.000	19.470	2.7	88	0.00
86 T	Hexachloroethane	20.000	20.431	-2.2	95	0.00
87 M	1,2-Dichlorobenzene	20.000	21.139	-5.7	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.687	-13.4	102	0.00
89	1,2,4-Trichlorobenzene	20.000	19.023	4.9	85	0.00
90	Hexachlorobutadiene	20.000	20.132	-0.7	88	0.00
91 M	Naphthalene	20.000	21.296	-6.5	94	0.00
92	1,2,3-Trichlorobenzene	20.000	20.309	-1.5	88	0.00

(#) = Out of Range

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