

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071924\
 Data File : VX042402.D
 Acq On : 19 Jul 2024 14:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 19 16:09:42 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	105	0.00
2 M	Dichlorodifluoromethane	20.000	21.802	-9.0	124	0.00
3 M	Chloromethane	20.000	20.854	-4.3	122	0.00
4 M	Vinyl Chloride	20.000	19.784	1.1	113	0.00
5 M	Bromomethane	20.000	18.821	5.9	112	0.00
6 M	Chloroethane	20.000	25.253	-26.3#	139	0.00
7 M	Trichlorofluoromethane	20.000	22.800	-14.0	124	0.00
8 T	Diethyl Ether	20.000	18.630	6.9	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.992	5.0	110	0.00
10 M	1,1-Dichloroethene	20.000	18.064	9.7	104	0.00
11	Methyl Iodide	20.000	21.019	-5.1	128	0.00
12	Methyl Acetate	20.000	22.915	-14.6	120	0.00
13 M	Acrolein	100.000	79.278	20.7	94	0.00
14 M	Acrylonitrile	100.000	110.574	-10.6	123	0.00
15 M	Acetone	100.000	92.471	7.5	101	0.00
16 M	Carbon Disulfide	20.000	20.108	-0.5	127	0.00
17	Allyl chloride	20.000	22.589	-12.9	123	0.00
18 M	Methylene Chloride	20.000	21.354	-6.8	118	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.467	-7.3	124	0.00
20 T	Diisopropyl ether	20.000	21.628	-8.1	121	0.00
21 M	1,1-Dichloroethane	20.000	21.036	-5.2	118	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.252	-6.3	119	0.00
23 M	tert-Butyl Alcohol	100.000	123.160	-23.2	130	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.566	-7.8	122	0.00
25 M	Chloroform	20.000	21.111	-5.6	119	0.00
26	Cyclohexane	20.000	21.275	-6.4	123	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.250	2.5	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	21.550	-7.8	124	0.00
30 M	2-Butanone	100.000	111.277	-11.3	125	0.00
31	2,2-Dichloropropane	20.000	21.617	-8.1	122	0.00
32 M	1,1,1-Trichloroethane	20.000	21.638	-8.2	123	-0.01
33 M	Carbon Tetrachloride	20.000	20.947	-4.7	121	0.00
34 M	Benzene	20.000	21.484	-7.4	119	0.00
35	Methacrylonitrile	20.000	22.477	-12.4	125	0.00
36 M	1,2-Dichloroethane	20.000	21.618	-8.1	119	0.00
37 M	Trichloroethene	20.000	21.274	-6.4	122	0.00
38	Methylcyclohexane	20.000	21.784	-8.9	127	0.00
39 M	1,2-Dichloropropane	20.000	21.548	-7.7	123	0.00
40	Dibromomethane	20.000	21.473	-7.4	121	0.00
41 M	Bromodichloromethane	20.000	21.221	-6.1	123	0.00
42 M	Vinyl Acetate	100.000	109.579	-9.6	123	0.00
43	Ethyl Acetate	20.000	22.306	-11.5	123	0.00
44	Isopropyl Acetate	20.000	21.822	-9.1	124	0.00
45 T	1,4-Dioxane	400.000	417.743	-4.4	113	0.00
46	Methyl methacrylate	20.000	21.935	-9.7	124	0.00
47	n-amyl Acetate	20.000	22.147	-10.7	135	0.00
48 M	t-1,3-Dichloropropene	20.000	21.108	-5.5	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	21.474	-7.4	125	0.00
50 M	1,1,2-Trichloroethane	20.000	21.432	-7.2	119	0.00
51	Ethyl methacrylate	20.000	21.494	-7.5	127	0.00
52	1,3-Dichloropropane	20.000	21.960	-9.8	122	0.00
53 M	Dibromochloromethane	20.000	21.644	-8.2	128	0.00
54 M	1,2-Dibromoethane	20.000	22.047	-10.2	124	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.420	-2.4	121	0.00
56 M	Bromoform	20.000	21.684	-8.4	135	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	100.000	111.387	-11.4	125	0.00
59 M	2-Hexanone	100.000	111.818	-11.8	129	0.00
60 S	4-Bromofluorobenzene	30.000	30.013	-0.0	113	0.00
61 M	Tetrachloroethene	20.000	20.983	-4.9	120	0.00
62 M	Toluene	20.000	21.638	-8.2	123	0.00
63 S	Toluene-d8	30.000	29.396	2.0	106	0.00
64 M	Chlorobenzene	20.000	21.749	-8.7	127	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.013	-5.1	124	0.00
66 M	Ethyl Benzene	20.000	21.773	-8.9	128	0.00
67 M	m/p-Xylenes	40.000	43.902	-9.8	128	0.00
68 M	o-Xylene	20.000	21.791	-9.0	128	0.00
69 M	Styrene	20.000	21.836	-9.2	130	0.00
70	Isopropylbenzene	20.000	22.355	-11.8	130	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.072	-10.4	127	0.00
72	1,2,3-Trichloropropane	20.000	22.146	-10.7	128	0.00
73	Bromobenzene	20.000	21.709	-8.5	128	0.00
74	n-propylbenzene	20.000	22.564	-12.8	136	0.00
75	2-Chlorotoluene	20.000	22.367	-11.8	131	0.00
76	1,3,5-Trimethylbenzene	20.000	22.355	-11.8	132	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.671	-3.4	135	0.00
78	4-Chlorotoluene	20.000	22.412	-12.1	133	0.00
79	tert-butylbenzene	20.000	22.141	-10.7	131	0.00
80	1,2,4-Trimethylbenzene	20.000	22.233	-11.2	133	0.00
81	sec-Butylbenzene	20.000	22.642	-13.2	135	0.00
82	p-Isopropyltoluene	20.000	22.511	-12.6	137	0.00
83 M	1,3-Dichlorobenzene	20.000	22.260	-11.3	134	0.00
84 M	1,4-Dichlorobenzene	20.000	22.168	-10.8	136	0.00
85	n-Butylbenzene	20.000	22.662	-13.3	144	0.00
86 T	Hexachloroethane	20.000	20.424	-2.1	130	0.00
87 M	1,2-Dichlorobenzene	20.000	22.196	-11.0	133	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.125	-10.6	136	0.00
89	1,2,4-Trichlorobenzene	20.000	22.234	-11.2	142	0.00
90	Hexachlorobutadiene	20.000	22.702	-13.5	140	0.00
91 M	Naphthalene	20.000	22.193	-11.0	137	0.00
92	1,2,3-Trichlorobenzene	20.000	22.150	-10.7	139	0.00

(#) = Out of Range

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