

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052824\
 Data File : VX041652.D
 Acq On : 28 May 2024 09:13
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 29 05:36:09 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	20.626	-3.1	108	0.00
3 M	Chloromethane	20.000	19.189	4.1	93	0.00
4 M	Vinyl Chloride	20.000	19.582	2.1	96	0.00
5 M	Bromomethane	20.000	19.629	1.9	100	0.00
6 M	Chloroethane	20.000	22.349	-11.7	112	0.00
7 M	Trichlorofluoromethane	20.000	22.837	-14.2	111	0.00
8 T	Diethyl Ether	20.000	22.501	-12.5	115	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.533	-12.7	102	0.00
10 M	1,1-Dichloroethene	20.000	21.316	-6.6	97	0.00
11	Methyl Iodide	20.000	22.902	-14.5	113	0.00
12	Methyl Acetate	20.000	24.253	-21.3	117	0.00
13 M	Acrolein	100.000	89.971	10.0	85	0.00
14 M	Acrylonitrile	100.000	107.029	-7.0	107	0.00
15 M	Acetone	100.000	148.913	-48.9#	137	0.00
16 M	Carbon Disulfide	20.000	20.456	-2.3	105	0.00
17	Allyl chloride	20.000	21.641	-8.2	105	0.00
18 M	Methylene Chloride	20.000	21.069	-5.3	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.514	2.4	97	0.00
20 T	Diisopropyl ether	20.000	20.905	-4.5	103	0.00
21 M	1,1-Dichloroethane	20.000	20.628	-3.1	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.143	-0.7	102	0.00
23 M	tert-Butyl Alcohol	100.000	111.572	-11.6	112	-0.01
24 M	Methyl tert-Butyl Ether	20.000	20.537	-2.7	103	0.00
25 M	Chloroform	20.000	20.351	-1.8	101	0.00
26	Cyclohexane	20.000	19.576	2.1	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.319	-1.1	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	19.933	0.3	101	0.00
30 M	2-Butanone	100.000	109.042	-9.0	110	0.00
31	2,2-Dichloropropane	20.000	20.559	-2.8	103	0.00
32 M	1,1,1-Trichloroethane	20.000	20.361	-1.8	103	0.00
33 M	Carbon Tetrachloride	20.000	21.000	-5.0	108	0.00
34 M	Benzene	20.000	19.848	0.8	98	0.00
35	Methacrylonitrile	20.000	20.887	-4.4	105	-0.01
36 M	1,2-Dichloroethane	20.000	20.385	-1.9	102	-0.01
37 M	Trichloroethene	20.000	19.212	3.9	97	0.00
38	Methylcyclohexane	20.000	19.506	2.5	98	0.00
39 M	1,2-Dichloropropane	20.000	21.047	-5.2	103	0.00
40	Dibromomethane	20.000	20.310	-1.5	104	0.00
41 M	Bromodichloromethane	20.000	20.682	-3.4	108	0.00
42 M	Vinyl Acetate	100.000	101.045	-1.0	102	0.00
43	Ethyl Acetate	20.000	19.824	0.9	100	0.00
44	Isopropyl Acetate	20.000	20.521	-2.6	105	0.00
45 T	1,4-Dioxane	400.000	391.983	2.0	97	0.00
46	Methyl methacrylate	20.000	20.992	-5.0	108	0.00
47	n-amyl Acetate	20.000	20.397	-2.0	106	0.00
48 M	t-1,3-Dichloropropene	20.000	19.733	1.3	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.371	-1.9	107	0.00
50 M	1,1,2-Trichloroethane	20.000	20.050	-0.3	101	0.00
51	Ethyl methacrylate	20.000	19.901	0.5	104	0.00
52	1,3-Dichloropropane	20.000	20.383	-1.9	101	0.00
53 M	Dibromochloromethane	20.000	20.984	-4.9	112	0.00
54 M	1,2-Dibromoethane	20.000	20.257	-1.3	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.563	-7.6	106	0.00
56 M	Bromoform	20.000	21.123	-5.6	118	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.223	-9.2	107	0.00
59 M	2-Hexanone	100.000	108.507	-8.5	109	0.00
60 S	4-Bromofluorobenzene	30.000	30.811	-2.7	99	0.00
61 M	Tetrachloroethene	20.000	19.630	1.9	99	0.00
62 M	Toluene	20.000	20.242	-1.2	101	0.00
63 S	Toluene-d8	30.000	29.480	1.7	95	0.00
64 M	Chlorobenzene	20.000	20.090	-0.4	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.841	-4.2	107	0.00
66 M	Ethyl Benzene	20.000	20.156	-0.8	101	0.00
67 M	m/p-Xylenes	40.000	40.730	-1.8	99	0.00
68 M	o-Xylene	20.000	20.155	-0.8	102	0.00
69 M	Styrene	20.000	20.091	-0.5	102	0.00
70	Isopropylbenzene	20.000	20.866	-4.3	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.555	-7.8	108	0.00
72	1,2,3-Trichloropropane	20.000	19.815	0.9	98	0.00
73	Bromobenzene	20.000	19.776	1.1	101	0.00
74	n-propylbenzene	20.000	20.707	-3.5	104	0.00
75	2-Chlorotoluene	20.000	20.407	-2.0	101	0.00
76	1,3,5-Trimethylbenzene	20.000	20.506	-2.5	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.465	-7.3	117	0.00
78	4-Chlorotoluene	20.000	20.339	-1.7	102	0.00
79	tert-butylbenzene	20.000	20.810	-4.0	105	0.00
80	1,2,4-Trimethylbenzene	20.000	20.566	-2.8	102	0.00
81	sec-Butylbenzene	20.000	20.674	-3.4	104	0.00
82	p-Isopropyltoluene	20.000	20.524	-2.6	104	0.00
83 M	1,3-Dichlorobenzene	20.000	20.486	-2.4	105	0.00
84 M	1,4-Dichlorobenzene	20.000	20.136	-0.7	103	0.00
85	n-Butylbenzene	20.000	19.922	0.4	105	0.00
86 T	Hexachloroethane	20.000	21.370	-6.9	116	0.00
87 M	1,2-Dichlorobenzene	20.000	20.244	-1.2	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.226	-11.1	116	0.00
89	1,2,4-Trichlorobenzene	20.000	20.164	-0.8	106	0.00
90	Hexachlorobutadiene	20.000	20.846	-4.2	107	0.00
91 M	Naphthalene	20.000	20.450	-2.2	105	0.00
92	1,2,3-Trichlorobenzene	20.000	20.296	-1.5	103	0.00

(#) = Out of Range

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