

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041586.D
 Acq On : 21 May 2024 16:53
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 22 02:55:00 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	20.398	-2.0	108	0.00
3 M	Chloromethane	20.000	20.444	-2.2	101	0.00
4 M	Vinyl Chloride	20.000	20.273	-1.4	101	0.00
5 M	Bromomethane	20.000	19.427	2.9	101	0.00
6 M	Chloroethane	20.000	23.569	-17.8	120	0.00
7 M	Trichlorofluoromethane	20.000	21.667	-8.3	107	0.00
8 T	Diethyl Ether	20.000	22.907	-14.5	118	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.067	-10.3	102	0.00
10 M	1,1-Dichloroethene	20.000	21.641	-8.2	100	0.00
11	Methyl Iodide	20.000	21.072	-5.4	105	0.00
12	Methyl Acetate	20.000	22.929	-14.6	113	0.00
13 M	Acrolein	100.000	106.799	-6.8	102	0.00
14 M	Acrylonitrile	100.000	105.101	-5.1	107	0.00
15 M	Acetone	100.000	114.832	-14.8	107	0.00
16 M	Carbon Disulfide	20.000	20.509	-2.5	107	0.00
17	Allyl chloride	20.000	21.305	-6.5	105	0.00
18 M	Methylene Chloride	20.000	21.630	-8.1	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.711	1.4	99	0.00
20 T	Diisopropyl ether	20.000	20.695	-3.5	103	0.00
21 M	1,1-Dichloroethane	20.000	20.781	-3.9	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.324	-1.6	104	0.00
23 M	tert-Butyl Alcohol	100.000	101.120	-1.1	103	-0.01
24 M	Methyl tert-Butyl Ether	20.000	20.632	-3.2	105	0.00
25 M	Chloroform	20.000	20.676	-3.4	104	0.00
26	Cyclohexane	20.000	19.427	2.9	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.037	-0.1	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	20.269	-1.3	103	0.00
30 M	2-Butanone	100.000	107.755	-7.8	108	0.00
31	2,2-Dichloropropane	20.000	20.557	-2.8	103	0.00
32 M	1,1,1-Trichloroethane	20.000	20.385	-1.9	103	0.00
33 M	Carbon Tetrachloride	20.000	20.891	-4.5	107	-0.01
34 M	Benzene	20.000	20.427	-2.1	101	-0.01
35	Methacrylonitrile	20.000	21.522	-7.6	108	-0.02
36 M	1,2-Dichloroethane	20.000	21.080	-5.4	105	-0.01
37 M	Trichloroethene	20.000	20.069	-0.3	101	0.00
38	Methylcyclohexane	20.000	19.955	0.2	100	0.00
39 M	1,2-Dichloropropane	20.000	20.359	-1.8	100	0.00
40	Dibromomethane	20.000	20.641	-3.2	106	0.00
41 M	Bromodichloromethane	20.000	20.815	-4.1	108	0.00
42 M	Vinyl Acetate	100.000	105.054	-5.1	105	0.00
43	Ethyl Acetate	20.000	21.181	-5.9	106	0.00
44	Isopropyl Acetate	20.000	20.808	-4.0	106	0.00
45 T	1,4-Dioxane	400.000	388.663	2.8	96	0.00
46	Methyl methacrylate	20.000	21.308	-6.5	109	0.00
47	n-amyl Acetate	20.000	20.565	-2.8	106	0.00
48 M	t-1,3-Dichloropropene	20.000	20.367	-1.8	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.463	-2.3	107	0.00
50 M	1,1,2-Trichloroethane	20.000	20.947	-4.7	106	0.00
51	Ethyl methacrylate	20.000	20.386	-1.9	106	0.00
52	1,3-Dichloropropane	20.000	21.539	-7.7	107	0.00
53 M	Dibromochloromethane	20.000	21.358	-6.8	113	0.00
54 M	1,2-Dibromoethane	20.000	21.603	-8.0	108	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.144	10.9	88	0.00
56 M	Bromoform	20.000	20.849	-4.2	116	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	110.267	-10.3	109	0.00
59 M	2-Hexanone	100.000	108.376	-8.4	110	0.00
60 S	4-Bromofluorobenzene	30.000	30.612	-2.0	99	0.00
61 M	Tetrachloroethene	20.000	20.119	-0.6	102	0.00
62 M	Toluene	20.000	20.483	-2.4	103	0.00
63 S	Toluene-d8	30.000	29.609	1.3	97	0.00
64 M	Chlorobenzene	20.000	20.712	-3.6	106	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.866	-4.3	108	0.00
66 M	Ethyl Benzene	20.000	20.453	-2.3	103	0.00
67 M	m/p-Xylenes	40.000	41.981	-5.0	103	0.00
68 M	o-Xylene	20.000	20.779	-3.9	106	0.00
69 M	Styrene	20.000	20.897	-4.5	107	0.00
70	Isopropylbenzene	20.000	21.216	-6.1	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.549	-7.7	109	0.00
72	1,2,3-Trichloropropane	20.000	19.668	1.7	98	0.00
73	Bromobenzene	20.000	20.767	-3.8	107	0.00
74	n-propylbenzene	20.000	20.877	-4.4	106	0.00
75	2-Chlorotoluene	20.000	21.116	-5.6	106	0.00
76	1,3,5-Trimethylbenzene	20.000	20.754	-3.8	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.618	-3.1	114	0.00
78	4-Chlorotoluene	20.000	20.874	-4.4	105	0.00
79	tert-butylbenzene	20.000	20.881	-4.4	106	0.00
80	1,2,4-Trimethylbenzene	20.000	21.038	-5.2	105	0.00
81	sec-Butylbenzene	20.000	20.868	-4.3	106	0.00
82	p-Isopropyltoluene	20.000	20.779	-3.9	106	0.00
83 M	1,3-Dichlorobenzene	20.000	20.704	-3.5	107	0.00
84 M	1,4-Dichlorobenzene	20.000	20.629	-3.1	107	0.00
85	n-Butylbenzene	20.000	19.887	0.6	106	0.00
86 T	Hexachloroethane	20.000	19.709	1.5	108	0.00
87 M	1,2-Dichlorobenzene	20.000	20.765	-3.8	106	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.273	-6.4	112	0.00
89	1,2,4-Trichlorobenzene	20.000	20.784	-3.9	110	0.00
90	Hexachlorobutadiene	20.000	21.186	-5.9	109	0.00
91 M	Naphthalene	20.000	21.694	-8.5	113	0.00
92	1,2,3-Trichlorobenzene	20.000	21.530	-7.7	110	0.00

(#) = Out of Range

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