

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042961.D
 Acq On : 08 Aug 2024 17:43
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 09 05:39:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 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	83	0.00
2 M	Dichlorodifluoromethane	20.000	18.542	7.3	77	0.00
3 M	Chloromethane	20.000	18.508	7.5	86	0.00
4 M	Vinyl Chloride	20.000	17.856	10.7	79	0.00
5 M	Bromomethane	20.000	17.339	13.3	75	0.00
6 M	Chloroethane	20.000	17.416	12.9	73	-0.02
7 M	Trichlorofluoromethane	20.000	18.993	5.0	74	-0.01
8 T	Diethyl Ether	20.000	19.612	1.9	84	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.246	3.8	82	-0.01
10 M	1,1-Dichloroethene	20.000	17.830	10.9	77	0.00
11	Methyl Iodide	20.000	19.607	2.0	96	0.00
12	Methyl Acetate	20.000	22.078	-10.4	83	0.00
13 M	Acrolein	100.000	92.978	7.0	111	0.00
14 M	Acrylonitrile	100.000	94.017	6.0	80	0.00
15 M	Acetone	100.000	73.720	26.3#	64	0.01
16 M	Carbon Disulfide	20.000	14.604	27.0#	64	-0.01
17	Allyl chloride	20.000	19.132	4.3	76	0.00
18 M	Methylene Chloride	20.000	19.335	3.3	85	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.368	13.2	73	0.00
20 T	Diisopropyl ether	20.000	19.987	0.1	83	0.00
21 M	1,1-Dichloroethane	20.000	19.296	3.5	80	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.268	8.7	79	0.00
23 M	tert-Butyl Alcohol	100.000	82.476	17.5	72	0.03
24 M	Methyl tert-Butyl Ether	20.000	19.357	3.2	83	0.00
25 M	Chloroform	20.000	18.855	5.7	80	0.00
26	Cyclohexane	20.000	17.462	12.7	77	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.703	7.7	77	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	74	0.00
29	1,1-Dichloropropene	20.000	20.104	-0.5	77	0.00
30 M	2-Butanone	100.000	99.039	1.0	74	0.01
31	2,2-Dichloropropane	20.000	18.862	5.7	71	0.00
32 M	1,1,1-Trichloroethane	20.000	20.847	-4.2	80	0.00
33 M	Carbon Tetrachloride	20.000	19.731	1.3	75	0.00
34 M	Benzene	20.000	21.269	-6.3	82	0.00
35	Methacrylonitrile	20.000	21.403	-7.0	80	0.00
36 M	1,2-Dichloroethane	20.000	21.441	-7.2	81	0.00
37 M	Trichloroethene	20.000	20.040	-0.2	77	0.00
38	Methylcyclohexane	20.000	18.133	9.3	71	0.00
39 M	1,2-Dichloropropane	20.000	21.085	-5.4	80	0.00
40	Dibromomethane	20.000	20.814	-4.1	78	0.00
41 M	Bromodichloromethane	20.000	20.382	-1.9	77	0.00
42 M	Vinyl Acetate	100.000	101.617	-1.6	78	0.00
43	Ethyl Acetate	20.000	20.228	-1.1	78	0.00
44	Isopropyl Acetate	20.000	20.110	-0.5	75	0.00
45 T	1,4-Dioxane	400.000	432.712	-8.2	79	0.01
46	Methyl methacrylate	20.000	20.145	-0.7	76	0.00
47	n-amyl Acetate	20.000	19.280	3.6	76	0.00
48 M	t-1,3-Dichloropropene	20.000	18.656	6.7	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.379	3.1	73	0.00
50 M	1,1,2-Trichloroethane	20.000	22.277	-11.4	83	0.00
51	Ethyl methacrylate	20.000	19.912	0.4	76	0.00
52	1,3-Dichloropropane	20.000	21.637	-8.2	80	0.00
53 M	Dibromochloromethane	20.000	18.908	5.5	72	0.00
54 M	1,2-Dibromoethane	20.000	20.847	-4.2	78	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.737	4.3	72	0.00
56 M	Bromoform	20.000	18.250	8.8	70	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	76	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.443	-7.4	80	0.00
59 M	2-Hexanone	100.000	100.557	-0.6	76	0.00
60 S	4-Bromofluorobenzene	30.000	29.332	2.2	75	0.00
61 M	Tetrachloroethene	20.000	20.525	-2.6	78	0.00
62 M	Toluene	20.000	20.366	-1.8	78	0.00
63 S	Toluene-d8	30.000	30.086	-0.3	75	0.00
64 M	Chlorobenzene	20.000	20.247	-1.2	77	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.350	-1.8	78	0.00
66 M	Ethyl Benzene	20.000	19.927	0.4	76	0.00
67 M	m/p-Xylenes	40.000	39.881	0.3	77	0.00
68 M	o-Xylene	20.000	20.221	-1.1	77	0.00
69 M	Styrene	20.000	19.852	0.7	77	0.00
70	Isopropylbenzene	20.000	20.076	-0.4	77	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.900	-4.5	80	0.00
72	1,2,3-Trichloropropane	20.000	20.495	-2.5	81	0.00
73	Bromobenzene	20.000	19.918	0.4	78	0.00
74	n-propylbenzene	20.000	19.089	4.6	73	0.00
75	2-Chlorotoluene	20.000	20.193	-1.0	79	0.00
76	1,3,5-Trimethylbenzene	20.000	19.858	0.7	78	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.174	14.1	70	0.00
78	4-Chlorotoluene	20.000	19.382	3.1	76	0.00
79	tert-butylbenzene	20.000	19.643	1.8	77	0.00
80	1,2,4-Trimethylbenzene	20.000	19.838	0.8	78	0.00
81	sec-Butylbenzene	20.000	19.424	2.9	75	0.00
82	p-Isopropyltoluene	20.000	18.779	6.1	73	0.00
83 M	1,3-Dichlorobenzene	20.000	19.136	4.3	75	0.00
84 M	1,4-Dichlorobenzene	20.000	18.850	5.7	74	0.00
85	n-Butylbenzene	20.000	16.742	16.3	65	0.00
86 T	Hexachloroethane	20.000	17.664	11.7	71	0.00
87 M	1,2-Dichlorobenzene	20.000	20.039	-0.2	79	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.576	7.1	76	0.00
89	1,2,4-Trichlorobenzene	20.000	17.350	13.2	69	0.00
90	Hexachlorobutadiene	20.000	17.833	10.8	71	0.00
91 M	Naphthalene	20.000	18.188	9.1	73	0.00
92	1,2,3-Trichlorobenzene	20.000	18.186	9.1	71	0.00

(#) = Out of Range

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