

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
 Data File : VX042875.D
 Acq On : 06 Aug 2024 16:43
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 07 05:01:34 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	87	0.00
2 M	Dichlorodifluoromethane	20.000	16.730	16.3	74	0.00
3 M	Chloromethane	20.000	17.197	14.0	84	0.00
4 M	Vinyl Chloride	20.000	16.670	16.6	78	0.00
5 M	Bromomethane	20.000	15.294	23.5	70	0.00
6 M	Chloroethane	20.000	16.939	15.3	76	-0.02
7 M	Trichlorofluoromethane	20.000	15.581	22.1	64	-0.01
8 T	Diethyl Ether	20.000	17.526	12.4	79	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.923	15.4	76	-0.01
10 M	1,1-Dichloroethene	20.000	15.927	20.4	73	-0.01
11	Methyl Iodide	20.000	16.937	15.3	88	-0.01
12	Methyl Acetate	20.000	21.126	-5.6	84	0.00
13 M	Acrolein	100.000	81.779	18.2	104	0.00
14 M	Acrylonitrile	100.000	92.247	7.8	83	0.00
15 M	Acetone	100.000	71.932	28.1#	66	0.01
16 M	Carbon Disulfide	20.000	14.772	26.1#	68	-0.01
17	Allyl chloride	20.000	17.003	15.0	71	0.00
18 M	Methylene Chloride	20.000	17.438	12.8	81	-0.01
19 M	trans-1,2-Dichloroethene	20.000	16.690	16.5	74	0.00
20 T	Diisopropyl ether	20.000	17.786	11.1	78	0.00
21 M	1,1-Dichloroethane	20.000	17.752	11.2	78	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.223	13.9	79	0.00
23 M	tert-Butyl Alcohol	100.000	79.333	20.7	73	0.02
24 M	Methyl tert-Butyl Ether	20.000	17.736	11.3	81	0.00
25 M	Chloroform	20.000	17.306	13.5	78	0.00
26	Cyclohexane	20.000	15.989	20.1	75	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.557	8.1	81	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	79	0.00
29	1,1-Dichloropropene	20.000	17.671	11.6	72	0.00
30 M	2-Butanone	100.000	95.633	4.4	77	0.01
31	2,2-Dichloropropane	20.000	15.390	23.0	62	0.00
32 M	1,1,1-Trichloroethane	20.000	18.874	5.6	77	0.00
33 M	Carbon Tetrachloride	20.000	18.342	8.3	74	0.00
34 M	Benzene	20.000	19.374	3.1	79	0.00
35	Methacrylonitrile	20.000	19.844	0.8	79	0.01
36 M	1,2-Dichloroethane	20.000	19.263	3.7	77	0.00
37 M	Trichloroethene	20.000	17.765	11.2	72	0.00
38	Methylcyclohexane	20.000	16.498	17.5	69	0.00
39 M	1,2-Dichloropropane	20.000	19.029	4.9	77	0.00
40	Dibromomethane	20.000	18.678	6.6	75	0.00
41 M	Bromodichloromethane	20.000	18.309	8.5	74	0.00
42 M	Vinyl Acetate	100.000	93.449	6.6	77	0.00
43	Ethyl Acetate	20.000	78.530	-292.6#	321	-0.15
44	Isopropyl Acetate	20.000	19.305	3.5	77	0.00
45 T	1,4-Dioxane	400.000	390.903	2.3	76	0.00
46	Methyl methacrylate	20.000	18.487	7.6	74	0.00
47	n-amyl Acetate	20.000	17.956	10.2	76	0.00
48 M	t-1,3-Dichloropropene	20.000	16.790	16.1	67	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.760	11.2	71	0.00
50 M	1,1,2-Trichloroethane	20.000	19.913	0.4	79	0.00
51	Ethyl methacrylate	20.000	18.428	7.9	76	0.00
52	1,3-Dichloropropane	20.000	18.936	5.3	75	0.00
53 M	Dibromochloromethane	20.000	17.621	11.9	72	0.00
54 M	1,2-Dibromoethane	20.000	19.272	3.6	77	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.735	-2.7	83	0.00
56 M	Bromoform	20.000	16.802	16.0	69	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.397	-0.4	80	0.00
59 M	2-Hexanone	100.000	97.466	2.5	79	0.00
60 S	4-Bromofluorobenzene	30.000	28.719	4.3	78	0.00
61 M	Tetrachloroethene	20.000	18.647	6.8	76	0.00
62 M	Toluene	20.000	18.847	5.8	77	0.00
63 S	Toluene-d8	30.000	30.961	-3.2	82	0.00
64 M	Chlorobenzene	20.000	18.592	7.0	76	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.038	9.8	74	0.00
66 M	Ethyl Benzene	20.000	18.011	9.9	74	0.00
67 M	m/p-Xylenes	40.000	36.026	9.9	74	0.00
68 M	o-Xylene	20.000	18.285	8.6	74	0.00
69 M	Styrene	20.000	17.986	10.1	74	0.00
70	Isopropylbenzene	20.000	18.195	9.0	74	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.078	4.6	78	0.00
72	1,2,3-Trichloropropane	20.000	18.996	5.0	80	0.00
73	Bromobenzene	20.000	17.753	11.2	74	0.00
74	n-propylbenzene	20.000	17.309	13.5	71	0.00
75	2-Chlorotoluene	20.000	18.009	10.0	75	0.00
76	1,3,5-Trimethylbenzene	20.000	18.101	9.5	75	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.707	26.5#	64	0.00
78	4-Chlorotoluene	20.000	17.222	13.9	72	0.00
79	tert-butylbenzene	20.000	17.875	10.6	75	0.00
80	1,2,4-Trimethylbenzene	20.000	17.926	10.4	75	0.00
81	sec-Butylbenzene	20.000	17.477	12.6	72	0.00
82	p-Isopropyltoluene	20.000	16.880	15.6	70	0.00
83 M	1,3-Dichlorobenzene	20.000	17.198	14.0	72	0.00
84 M	1,4-Dichlorobenzene	20.000	16.927	15.4	70	0.00
85	n-Butylbenzene	20.000	15.275	23.6	63	0.00
86 T	Hexachloroethane	20.000	16.271	18.6	70	0.00
87 M	1,2-Dichlorobenzene	20.000	17.574	12.1	74	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.259	8.7	79	0.00
89	1,2,4-Trichlorobenzene	20.000	15.354	23.2	65	0.00
90	Hexachlorobutadiene	20.000	16.438	17.8	70	0.00
91 M	Naphthalene	20.000	17.146	14.3	73	0.00
92	1,2,3-Trichlorobenzene	20.000	16.271	18.6	68	0.00

(#) = Out of Range

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