

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043020.D
 Acq On : 13 Aug 2024 17:28
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 14 04:35:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 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	20.202	-1.0	88	0.00
3 M	Chloromethane	20.000	19.344	3.3	86	0.00
4 M	Vinyl Chloride	20.000	20.294	-1.5	91	0.00
5 M	Bromomethane	20.000	20.610	-3.0	97	0.00
6 M	Chloroethane	20.000	27.714	-38.6#	123	0.00
7 M	Trichlorofluoromethane	20.000	23.762	-18.8	100	0.00
8 T	Diethyl Ether	20.000	20.835	-4.2	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.196	4.0	84	0.00
10 M	1,1-Dichloroethene	20.000	19.020	4.9	81	0.00
11	Methyl Iodide	20.000	17.537	12.3	78	0.00
12	Methyl Acetate	20.000	19.642	1.8	84	0.00
13 M	Acrolein	100.000	82.330	17.7	76	0.00
14 M	Acrylonitrile	100.000	98.749	1.3	86	0.00
15 M	Acetone	100.000	95.501	4.5	77	0.00
16 M	Carbon Disulfide	20.000	18.415	7.9	82	0.00
17	Allyl chloride	20.000	19.270	3.7	80	0.00
18 M	Methylene Chloride	20.000	19.118	4.4	82	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.040	4.8	86	0.00
20 T	Diisopropyl ether	20.000	19.586	2.1	83	0.00
21 M	1,1-Dichloroethane	20.000	18.495	7.5	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.380	3.1	84	0.00
23 M	tert-Butyl Alcohol	100.000	104.283	-4.3	88	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.446	7.8	81	0.00
25 M	Chloroform	20.000	18.566	7.2	83	0.00
26	Cyclohexane	20.000	18.750	6.3	84	0.00
27 s	1,2-Dichloroethane-d4	30.000	26.956	10.1	77	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	83	0.00
29	1,1-Dichloropropene	20.000	18.800	6.0	82	0.00
30 M	2-Butanone	100.000	97.888	2.1	82	0.00
31	2,2-Dichloropropane	20.000	18.411	7.9	79	0.00
32 M	1,1,1-Trichloroethane	20.000	18.993	5.0	83	0.00
33 M	Carbon Tetrachloride	20.000	19.543	2.3	86	0.00
34 M	Benzene	20.000	19.189	4.1	83	0.00
35	Methacrylonitrile	20.000	19.490	2.6	83	-0.01
36 M	1,2-Dichloroethane	20.000	18.501	7.5	81	0.00
37 M	Trichloroethene	20.000	19.675	1.6	85	0.00
38	Methylcyclohexane	20.000	19.983	0.1	87	0.00
39 M	1,2-Dichloropropane	20.000	19.507	2.5	84	0.00
40	Dibromomethane	20.000	18.691	6.5	81	0.00
41 M	Bromodichloromethane	20.000	19.143	4.3	84	0.00
42 M	Vinyl Acetate	100.000	102.373	-2.4	84	0.00
43	Ethyl Acetate	20.000	19.858	0.7	89	0.00
44	Isopropyl Acetate	20.000	19.645	1.8	83	0.00
45 T	1,4-Dioxane	400.000	340.557	14.9	72	0.00
46	Methyl methacrylate	20.000	18.628	6.9	82	0.00
47	n-amyl Acetate	20.000	19.623	1.9	86	0.00
48 M	t-1,3-Dichloropropene	20.000	18.695	6.5	81	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.228	3.9	83	0.00
50 M	1,1,2-Trichloroethane	20.000	19.659	1.7	85	0.00
51	Ethyl methacrylate	20.000	19.270	3.7	82	0.00
52	1,3-Dichloropropane	20.000	19.542	2.3	84	0.00
53 M	Dibromochloromethane	20.000	19.586	2.1	85	0.00
54 M	1,2-Dibromoethane	20.000	19.823	0.9	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.929	12.1	73	0.00
56 M	Bromoform	20.000	19.028	4.9	83	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.025	-3.0	86	0.00
59 M	2-Hexanone	100.000	101.634	-1.6	85	0.00
60 S	4-Bromofluorobenzene	30.000	28.279	5.7	81	0.00
61 M	Tetrachloroethene	20.000	20.057	-0.3	87	0.00
62 M	Toluene	20.000	19.919	0.4	85	0.00
63 S	Toluene-d8	30.000	29.904	0.3	82	0.00
64 M	Chlorobenzene	20.000	19.752	1.2	85	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.581	2.1	86	0.00
66 M	Ethyl Benzene	20.000	20.002	-0.0	86	0.00
67 M	m/p-Xylenes	40.000	40.885	-2.2	87	0.00
68 M	o-Xylene	20.000	20.392	-2.0	88	0.00
69 M	Styrene	20.000	20.042	-0.2	86	0.00
70	Isopropylbenzene	20.000	20.492	-2.5	88	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.420	-2.1	88	0.00
72	1,2,3-Trichloropropane	20.000	18.716	6.4	85	0.00
73	Bromobenzene	20.000	20.271	-1.4	88	0.00
74	n-propylbenzene	20.000	20.198	-1.0	89	0.00
75	2-Chlorotoluene	20.000	19.790	1.1	86	0.00
76	1,3,5-Trimethylbenzene	20.000	20.265	-1.3	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.308	13.5	77	0.00
78	4-Chlorotoluene	20.000	20.027	-0.1	87	0.00
79	tert-butylbenzene	20.000	20.678	-3.4	89	0.00
80	1,2,4-Trimethylbenzene	20.000	20.022	-0.1	87	0.00
81	sec-Butylbenzene	20.000	20.451	-2.3	90	0.00
82	p-Isopropyltoluene	20.000	20.446	-2.2	90	0.00
83 M	1,3-Dichlorobenzene	20.000	20.700	-3.5	93	0.00
84 M	1,4-Dichlorobenzene	20.000	19.906	0.5	89	0.00
85	n-Butylbenzene	20.000	19.705	1.5	89	0.00
86 T	Hexachloroethane	20.000	18.933	5.3	85	0.00
87 M	1,2-Dichlorobenzene	20.000	20.419	-2.1	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.732	11.3	81	0.00
89	1,2,4-Trichlorobenzene	20.000	19.646	1.8	91	0.00
90	Hexachlorobutadiene	20.000	19.996	0.0	92	0.00
91 M	Naphthalene	20.000	19.479	2.6	87	0.00
92	1,2,3-Trichlorobenzene	20.000	19.304	3.5	88	0.00

(#) = Out of Range

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