

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
 Data File : VX040781.D
 Acq On : 22 Mar 2024 15:50
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 23 05:06:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	18.416	7.9	96	0.00
3 M	Chloromethane	20.000	16.206	19.0	82	0.00
4 M	Vinyl Chloride	20.000	16.112	19.4	83	0.00
5 M	Bromomethane	20.000	18.272	8.6	79	0.02
6 M	Chloroethane	20.000	17.656	11.7	98	0.02
7 M	Trichlorofluoromethane	20.000	19.056	4.7	104	0.02
8 T	Diethyl Ether	20.000	19.235	3.8	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.569	2.2	101	0.01
10 M	1,1-Dichloroethene	20.000	18.468	7.7	97	0.01
11	Methyl Iodide	20.000	22.486	-12.4	121	0.00
12	Methyl Acetate	20.000	20.222	-1.1	105	0.00
13 M	Acrolein	100.000	84.097	15.9	89	0.00
14 M	Acrylonitrile	100.000	92.365	7.6	95	0.00
15 M	Acetone	100.000	73.896	26.1#	71	0.00
16 M	Carbon Disulfide	20.000	17.096	14.5	91	0.01
17	Allyl chloride	20.000	18.709	6.5	97	0.00
18 M	Methylene Chloride	20.000	19.886	0.6	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.620	6.9	96	0.00
20 T	Diisopropyl ether	20.000	19.488	2.6	102	0.00
21 M	1,1-Dichloroethane	20.000	19.591	2.0	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.292	3.5	99	0.00
23 M	tert-Butyl Alcohol	100.000	70.855	29.1#	76	-0.05
24 M	Methyl tert-Butyl Ether	20.000	18.862	5.7	99	0.00
25 M	Chloroform	20.000	19.654	1.7	103	0.00
26	Cyclohexane	20.000	18.167	9.2	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.159	6.1	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	19.146	4.3	103	0.00
30 M	2-Butanone	100.000	84.374	15.6	86	0.00
31	2,2-Dichloropropane	20.000	19.487	2.6	101	0.00
32 M	1,1,1-Trichloroethane	20.000	18.849	5.8	100	0.01
33 M	Carbon Tetrachloride	20.000	19.388	3.1	105	0.00
34 M	Benzene	20.000	19.624	1.9	102	0.00
35	Methacrylonitrile	20.000	18.883	5.6	97	0.00
36 M	1,2-Dichloroethane	20.000	19.035	4.8	98	0.00
37 M	Trichloroethene	20.000	18.794	6.0	99	0.00
38	Methylcyclohexane	20.000	19.338	3.3	101	0.00
39 M	1,2-Dichloropropane	20.000	19.722	1.4	101	0.00
40	Dibromomethane	20.000	20.119	-0.6	100	0.00
41 M	Bromodichloromethane	20.000	19.991	0.0	103	0.00
42 M	Vinyl Acetate	100.000	95.126	4.9	100	0.00
43	Ethyl Acetate	20.000	18.883	5.6	94	0.00
44	Isopropyl Acetate	20.000	18.706	6.5	99	0.00
45 T	1,4-Dioxane	400.000	284.550	28.9#	71	0.00
46	Methyl methacrylate	20.000	18.880	5.6	96	0.00
47	n-amyl Acetate	20.000	18.765	6.2	109	0.00
48 M	t-1,3-Dichloropropene	20.000	19.201	4.0	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.805	1.0	105	0.00
50 M	1,1,2-Trichloroethane	20.000	19.368	3.2	100	0.00
51	Ethyl methacrylate	20.000	19.178	4.1	99	0.00
52	1,3-Dichloropropane	20.000	19.060	4.7	97	0.00
53 M	Dibromochloromethane	20.000	18.054	9.7	95	0.00
54 M	1,2-Dibromoethane	20.000	18.435	7.8	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	108.085	-8.1	107	0.00
56 M	Bromoform	20.000	17.434	12.8	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.377	4.6	93	0.00
59 M	2-Hexanone	100.000	88.781	11.2	89	0.00
60 S	4-Bromofluorobenzene	30.000	30.596	-2.0	107	0.00
61 M	Tetrachloroethene	20.000	18.558	7.2	92	0.00
62 M	Toluene	20.000	20.061	-0.3	99	0.00
63 S	Toluene-d8	30.000	31.174	-3.9	96	0.00
64 M	Chlorobenzene	20.000	20.265	-1.3	111	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.321	3.4	108	0.00
66 M	Ethyl Benzene	20.000	19.904	0.5	111	0.00
67 M	m/p-Xylenes	40.000	38.164	4.6	106	0.00
68 M	o-Xylene	20.000	19.256	3.7	105	0.00
69 M	Styrene	20.000	19.388	3.1	105	0.00
70	Isopropylbenzene	20.000	19.695	1.5	109	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.917	0.4	108	0.00
72	1,2,3-Trichloropropane	20.000	18.844	5.8	108	0.00
73	Bromobenzene	20.000	19.882	0.6	110	0.00
74	n-propylbenzene	20.000	20.233	-1.2	114	0.00
75	2-Chlorotoluene	20.000	19.524	2.4	110	0.00
76	1,3,5-Trimethylbenzene	20.000	19.638	1.8	111	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.634	1.8	109	0.00
78	4-Chlorotoluene	20.000	19.612	1.9	115	0.00
79	tert-butylbenzene	20.000	19.531	2.3	114	0.00
80	1,2,4-Trimethylbenzene	20.000	19.244	3.8	112	0.00
81	sec-Butylbenzene	20.000	19.013	4.9	110	0.00
82	p-Isopropyltoluene	20.000	19.859	0.7	115	0.00
83 M	1,3-Dichlorobenzene	20.000	19.551	2.2	111	0.00
84 M	1,4-Dichlorobenzene	20.000	19.615	1.9	111	0.00
85	n-Butylbenzene	20.000	19.623	1.9	114	0.00
86 T	Hexachloroethane	20.000	18.956	5.2	115	0.00
87 M	1,2-Dichlorobenzene	20.000	19.637	1.8	110	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.262	18.7	91	0.00
89	1,2,4-Trichlorobenzene	20.000	19.981	0.1	113	0.00
90	Hexachlorobutadiene	20.000	18.819	5.9	107	0.00
91 M	Naphthalene	20.000	20.587	-2.9	117	0.00
92	1,2,3-Trichlorobenzene	20.000	19.844	0.8	112	0.00

(#) = Out of Range

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