

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
 Data File : VX040770.D
 Acq On : 22 Mar 2024 10:50
 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 05:01:25 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	16.877	15.6	97	0.00
3 M	Chloromethane	20.000	15.017	24.9	84	0.00
4 M	Vinyl Chloride	20.000	14.730	26.3#	84	0.00
5 M	Bromomethane	20.000	16.802	16.0	81	0.02
6 M	Chloroethane	20.000	15.638	21.8	97	0.02
7 M	Trichlorofluoromethane	20.000	17.326	13.4	105	0.02
8 T	Diethyl Ether	20.000	17.821	10.9	107	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.872	10.6	103	0.00
10 M	1,1-Dichloroethene	20.000	16.804	16.0	98	0.00
11	Methyl Iodide	20.000	20.565	-2.8	123	0.00
12	Methyl Acetate	20.000	18.256	8.7	105	0.00
13 M	Acrolein	100.000	85.373	14.6	101	0.00
14 M	Acrylonitrile	100.000	86.582	13.4	99	0.00
15 M	Acetone	100.000	81.635	18.4	87	0.00
16 M	Carbon Disulfide	20.000	15.731	21.3	93	0.01
17	Allyl chloride	20.000	17.027	14.9	98	0.00
18 M	Methylene Chloride	20.000	17.880	10.6	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.327	13.4	99	0.00
20 T	Diisopropyl ether	20.000	17.796	11.0	103	0.00
21 M	1,1-Dichloroethane	20.000	17.427	12.9	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.521	12.4	99	0.00
23 M	tert-Butyl Alcohol	100.000	79.854	20.1	95	-0.05
24 M	Methyl tert-Butyl Ether	20.000	17.909	10.5	104	0.00
25 M	Chloroform	20.000	17.927	10.4	104	0.00
26	Cyclohexane	20.000	17.543	12.3	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.028	6.6	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	108	0.00
29	1,1-Dichloropropene	20.000	17.802	11.0	104	0.01
30 M	2-Butanone	100.000	85.391	14.6	94	-0.01
31	2,2-Dichloropropane	20.000	18.744	6.3	106	0.00
32 M	1,1,1-Trichloroethane	20.000	18.244	8.8	105	0.01
33 M	Carbon Tetrachloride	20.000	18.517	7.4	108	0.00
34 M	Benzene	20.000	18.213	8.9	103	0.00
35	Methacrylonitrile	20.000	17.534	12.3	97	0.00
36 M	1,2-Dichloroethane	20.000	17.711	11.4	98	0.00
37 M	Trichloroethene	20.000	17.935	10.3	103	0.00
38	Methylcyclohexane	20.000	17.807	11.0	101	0.00
39 M	1,2-Dichloropropane	20.000	18.783	6.1	104	0.00
40	Dibromomethane	20.000	19.186	4.1	104	0.00
41 M	Bromodichloromethane	20.000	18.838	5.8	105	0.00
42 M	Vinyl Acetate	100.000	91.459	8.5	104	0.00
43	Ethyl Acetate	20.000	17.106	14.5	93	0.00
44	Isopropyl Acetate	20.000	17.696	11.5	101	0.00
45 T	1,4-Dioxane	400.000	318.093	20.5	86	-0.01
46	Methyl methacrylate	20.000	18.170	9.1	100	0.00
47	n-amyl Acetate	20.000	17.850	10.7	112	0.00
48 M	t-1,3-Dichloropropene	20.000	18.760	6.2	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.050	4.7	110	0.00
50 M	1,1,2-Trichloroethane	20.000	17.912	10.4	100	0.00
51	Ethyl methacrylate	20.000	17.688	11.6	99	0.00
52	1,3-Dichloropropane	20.000	18.024	9.9	99	0.00
53 M	Dibromochloromethane	20.000	17.431	12.8	99	0.00
54 M	1,2-Dibromoethane	20.000	17.409	13.0	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.772	-2.8	110	0.00
56 M	Bromoform	20.000	16.912	15.4	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	117	0.00
58 M	4-Methyl-2-Pentanone	100.000	89.503	10.5	99	0.00
59 M	2-Hexanone	100.000	81.710	18.3	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.737	0.9	118	0.00
61 M	Tetrachloroethene	20.000	15.693	21.5	89	0.00
62 M	Toluene	20.000	18.151	9.2	102	0.00
63 S	Toluene-d8	30.000	30.499	-1.7	107	0.00
64 M	Chlorobenzene	20.000	18.519	7.4	116	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.077	9.6	115	0.00
66 M	Ethyl Benzene	20.000	18.122	9.4	115	0.00
67 M	m/p-Xylenes	40.000	36.070	9.8	114	0.00
68 M	o-Xylene	20.000	17.925	10.4	112	0.00
69 M	Styrene	20.000	17.181	14.1	107	0.00
70	Isopropylbenzene	20.000	17.579	12.1	111	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.783	11.1	110	0.00
72	1,2,3-Trichloropropane	20.000	17.326	13.4	114	0.00
73	Bromobenzene	20.000	17.802	11.0	112	0.00
74	n-propylbenzene	20.000	18.086	9.6	116	0.00
75	2-Chlorotoluene	20.000	17.901	10.5	115	0.00
76	1,3,5-Trimethylbenzene	20.000	17.156	14.2	110	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.010	4.9	121	0.00
78	4-Chlorotoluene	20.000	17.640	11.8	118	0.00
79	tert-butylbenzene	20.000	17.809	11.0	118	0.00
80	1,2,4-Trimethylbenzene	20.000	17.577	12.1	117	0.00
81	sec-Butylbenzene	20.000	17.446	12.8	115	0.00
82	p-Isopropyltoluene	20.000	17.617	11.9	117	0.00
83 M	1,3-Dichlorobenzene	20.000	18.181	9.1	117	0.00
84 M	1,4-Dichlorobenzene	20.000	17.549	12.3	114	0.00
85	n-Butylbenzene	20.000	17.635	11.8	117	0.00
86 T	Hexachloroethane	20.000	16.748	16.3	116	0.00
87 M	1,2-Dichlorobenzene	20.000	17.641	11.8	112	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.944	20.3	102	0.00
89	1,2,4-Trichlorobenzene	20.000	18.284	8.6	118	0.00
90	Hexachlorobutadiene	20.000	17.513	12.4	113	0.00
91 M	Naphthalene	20.000	17.773	11.1	116	0.00
92	1,2,3-Trichlorobenzene	20.000	17.498	12.5	113	0.00

(#) = Out of Range

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