

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031424\
 Data File : VX040638.D
 Acq On : 14 Mar 2024 16:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 15 05:43:05 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	18.343	8.3	98	0.00
3 M	Chloromethane	20.000	17.573	12.1	91	0.00
4 M	Vinyl Chloride	20.000	17.238	13.8	91	0.00
5 M	Bromomethane	20.000	20.842	-4.2	93	0.01
6 M	Chloroethane	20.000	20.141	-0.7	115	0.02
7 M	Trichlorofluoromethane	20.000	20.706	-3.5	116	0.01
8 T	Diethyl Ether	20.000	18.876	5.6	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.025	-0.1	106	0.00
10 M	1,1-Dichloroethene	20.000	19.506	2.5	105	0.00
11	Methyl Iodide	20.000	18.981	5.1	105	0.00
12	Methyl Acetate	20.000	20.404	-2.0	109	0.00
13 M	Acrolein	100.000	100.511	-0.5	109	0.00
14 M	Acrylonitrile	100.000	92.951	7.0	98	0.00
15 M	Acetone	100.000	81.041	19.0	80	0.00
16 M	Carbon Disulfide	20.000	18.281	8.6	100	0.01
17	Allyl chloride	20.000	19.005	5.0	101	0.00
18 M	Methylene Chloride	20.000	19.560	2.2	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.025	4.9	101	0.00
20 T	Diisopropyl ether	20.000	19.249	3.8	103	0.00
21 M	1,1-Dichloroethane	20.000	19.323	3.4	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.954	0.2	105	0.00
23 M	tert-Butyl Alcohol	100.000	82.979	17.0	91	-0.04
24 M	Methyl tert-Butyl Ether	20.000	19.561	2.2	105	0.00
25 M	Chloroform	20.000	19.656	1.7	105	0.00
26	Cyclohexane	20.000	18.825	5.9	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.955	0.2	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	19.966	0.2	110	0.00
30 M	2-Butanone	100.000	88.404	11.6	92	-0.01
31	2,2-Dichloropropane	20.000	19.182	4.1	102	0.00
32 M	1,1,1-Trichloroethane	20.000	20.391	-2.0	110	0.00
33 M	Carbon Tetrachloride	20.000	19.146	4.3	105	0.00
34 M	Benzene	20.000	19.513	2.4	104	0.00
35	Methacrylonitrile	20.000	19.116	4.4	100	-0.01
36 M	1,2-Dichloroethane	20.000	19.715	1.4	103	0.00
37 M	Trichloroethene	20.000	19.524	2.4	105	0.00
38	Methylcyclohexane	20.000	19.080	4.6	101	0.00
39 M	1,2-Dichloropropane	20.000	19.488	2.6	101	0.00
40	Dibromomethane	20.000	19.751	1.2	100	0.00
41 M	Bromodichloromethane	20.000	20.265	-1.3	107	0.00
42 M	Vinyl Acetate	100.000	93.745	6.3	101	0.00
43	Ethyl Acetate	20.000	19.198	4.0	98	0.00
44	Isopropyl Acetate	20.000	18.838	5.8	101	0.00
45 T	1,4-Dioxane	400.000	326.586	18.4	83	0.00
46	Methyl methacrylate	20.000	19.413	2.9	100	0.00
47	n-amyl Acetate	20.000	17.061	14.7	101	0.00
48 M	t-1,3-Dichloropropene	20.000	19.409	3.0	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.495	2.5	105	0.00
50 M	1,1,2-Trichloroethane	20.000	20.251	-1.3	106	0.00
51	Ethyl methacrylate	20.000	19.070	4.6	100	0.00
52	1,3-Dichloropropane	20.000	19.952	0.2	103	0.00
53 M	Dibromochloromethane	20.000	19.435	2.8	104	0.00
54 M	1,2-Dibromoethane	20.000	19.603	2.0	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	110.422	-10.4	112	0.00
56 M	Bromoform	20.000	18.066	9.7	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.055	-9.1	99	0.00
59 M	2-Hexanone	100.000	104.172	-4.2	97	0.00
60 S	4-Bromofluorobenzene	30.000	33.674	-12.2	110	0.00
61 M	Tetrachloroethene	20.000	23.432	-17.2	109	0.00
62 M	Toluene	20.000	22.697	-13.5	105	0.00
63 S	Toluene-d8	30.000	34.067	-13.6	98	0.00
64 M	Chlorobenzene	20.000	20.433	-2.2	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.918	0.4	104	0.00
66 M	Ethyl Benzene	20.000	19.831	0.8	103	0.00
67 M	m/p-Xylenes	40.000	41.156	-2.9	107	0.00
68 M	o-Xylene	20.000	20.100	-0.5	103	0.00
69 M	Styrene	20.000	20.575	-2.9	105	0.00
70	Isopropylbenzene	20.000	21.035	-5.2	109	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.229	-11.1	112	0.00
72	1,2,3-Trichloropropane	20.000	22.486	-12.4	121	0.00
73	Bromobenzene	20.000	22.860	-14.3	118	0.00
74	n-propylbenzene	20.000	22.890	-14.5	120	0.00
75	2-Chlorotoluene	20.000	22.943	-14.7	121	0.00
76	1,3,5-Trimethylbenzene	20.000	22.651	-13.3	119	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.447	-2.2	106	0.00
78	4-Chlorotoluene	20.000	22.918	-14.6	126	0.00
79	tert-butylbenzene	20.000	22.767	-13.8	124	0.00
80	1,2,4-Trimethylbenzene	20.000	22.627	-13.1	123	0.00
81	sec-Butylbenzene	20.000	22.622	-13.1	123	0.00
82	p-Isopropyltoluene	20.000	22.193	-11.0	121	0.00
83 M	1,3-Dichlorobenzene	20.000	23.000	-15.0	122	0.00
84 M	1,4-Dichlorobenzene	20.000	22.301	-11.5	118	0.00
85	n-Butylbenzene	20.000	21.742	-8.7	118	0.00
86 T	Hexachloroethane	20.000	21.599	-8.0	123	0.00
87 M	1,2-Dichlorobenzene	20.000	22.371	-11.9	117	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.372	-11.9	118	0.00
89	1,2,4-Trichlorobenzene	20.000	21.768	-8.8	115	0.00
90	Hexachlorobutadiene	20.000	21.558	-7.8	115	0.00
91 M	Naphthalene	20.000	21.485	-7.4	115	0.00
92	1,2,3-Trichlorobenzene	20.000	21.915	-9.6	116	0.00

(#) = Out of Range

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