

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041639.D
 Acq On : 23 May 2024 19:15
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 24 06:47:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	17.026	14.9	93	0.00
3 M	Chloromethane	20.000	17.004	15.0	87	0.00
4 M	Vinyl Chloride	20.000	17.630	11.9	91	0.00
5 M	Bromomethane	20.000	18.594	7.0	100	0.00
6 M	Chloroethane	20.000	25.799	-29.0#	135	0.00
7 M	Trichlorofluoromethane	20.000	19.283	3.6	99	0.00
8 T	Diethyl Ether	20.000	21.505	-7.5	115	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.729	11.4	85	0.00
10 M	1,1-Dichloroethene	20.000	19.199	4.0	91	0.00
11	Methyl Iodide	20.000	22.741	-13.7	117	0.00
12	Methyl Acetate	20.000	21.832	-9.2	111	0.00
13 M	Acrolein	100.000	88.124	11.9	87	0.00
14 M	Acrylonitrile	100.000	100.559	-0.6	106	0.00
15 M	Acetone	100.000	97.255	2.7	94	0.00
16 M	Carbon Disulfide	20.000	16.872	15.6	91	0.00
17	Allyl chloride	20.000	18.680	6.6	95	0.00
18 M	Methylene Chloride	20.000	19.251	3.7	96	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.222	13.9	90	0.00
20 T	Diisopropyl ether	20.000	18.566	7.2	96	0.00
21 M	1,1-Dichloroethane	20.000	18.430	7.9	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.844	10.8	95	0.00
23 M	tert-Butyl Alcohol	100.000	109.501	-9.5	115	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.763	6.2	99	0.00
25 M	Chloroform	20.000	18.520	7.4	96	0.00
26	Cyclohexane	20.000	15.622	21.9	81	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.621	4.6	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	18.273	8.6	89	0.00
30 M	2-Butanone	100.000	107.885	-7.9	104	0.00
31	2,2-Dichloropropane	20.000	17.254	13.7	83	0.00
32 M	1,1,1-Trichloroethane	20.000	19.569	2.2	95	0.00
33 M	Carbon Tetrachloride	20.000	18.809	6.0	92	0.00
34 M	Benzene	20.000	19.163	4.2	91	0.00
35	Methacrylonitrile	20.000	21.435	-7.2	103	0.00
36 M	1,2-Dichloroethane	20.000	20.386	-1.9	97	0.00
37 M	Trichloroethene	20.000	18.681	6.6	90	0.00
38	Methylcyclohexane	20.000	16.571	17.1	80	0.00
39 M	1,2-Dichloropropane	20.000	20.119	-0.6	95	0.00
40	Dibromomethane	20.000	20.482	-2.4	101	0.00
41 M	Bromodichloromethane	20.000	20.251	-1.3	101	0.00
42 M	Vinyl Acetate	100.000	100.938	-0.9	97	0.00
43	Ethyl Acetate	20.000	20.032	-0.2	97	0.00
44	Isopropyl Acetate	20.000	20.755	-3.8	101	0.00
45 T	1,4-Dioxane	400.000	402.957	-0.7	95	0.00
46	Methyl methacrylate	20.000	20.981	-4.9	103	0.00
47	n-amyl Acetate	20.000	19.739	1.3	98	0.00
48 M	t-1,3-Dichloropropene	20.000	18.939	5.3	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.186	4.1	96	0.00
50 M	1,1,2-Trichloroethane	20.000	20.294	-1.5	98	0.00
51	Ethyl methacrylate	20.000	19.938	0.3	99	0.00
52	1,3-Dichloropropane	20.000	20.305	-1.5	97	0.00
53 M	Dibromochloromethane	20.000	19.869	0.7	101	0.00
54 M	1,2-Dibromoethane	20.000	20.315	-1.6	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	111.130	-11.1	105	0.00
56 M	Bromoform	20.000	19.203	4.0	103	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.746	-9.7	104	0.00
59 M	2-Hexanone	100.000	106.359	-6.4	103	0.00
60 S	4-Bromofluorobenzene	30.000	29.823	0.6	93	0.00
61 M	Tetrachloroethene	20.000	17.683	11.6	86	0.00
62 M	Toluene	20.000	19.125	4.4	92	0.00
63 S	Toluene-d8	30.000	29.829	0.6	93	0.00
64 M	Chlorobenzene	20.000	19.203	4.0	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.422	2.9	96	0.00
66 M	Ethyl Benzene	20.000	19.041	4.8	92	0.00
67 M	m/p-Xylenes	40.000	37.999	5.0	90	0.00
68 M	o-Xylene	20.000	18.868	5.7	92	0.00
69 M	Styrene	20.000	19.136	4.3	94	0.00
70	Isopropylbenzene	20.000	19.024	4.9	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.849	-4.2	101	0.00
72	1,2,3-Trichloropropane	20.000	18.787	6.1	90	0.00
73	Bromobenzene	20.000	19.219	3.9	95	0.00
74	n-propylbenzene	20.000	18.179	9.1	88	0.00
75	2-Chlorotoluene	20.000	18.761	6.2	90	0.00
76	1,3,5-Trimethylbenzene	20.000	18.205	9.0	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.132	9.3	96	0.00
78	4-Chlorotoluene	20.000	18.367	8.2	89	0.00
79	tert-butylbenzene	20.000	18.342	8.3	89	0.00
80	1,2,4-Trimethylbenzene	20.000	18.466	7.7	89	0.00
81	sec-Butylbenzene	20.000	17.873	10.6	87	0.00
82	p-Isopropyltoluene	20.000	17.664	11.7	87	0.00
83 M	1,3-Dichlorobenzene	20.000	18.349	8.3	91	0.00
84 M	1,4-Dichlorobenzene	20.000	18.360	8.2	91	0.00
85	n-Butylbenzene	20.000	16.639	16.8	85	0.00
86 T	Hexachloroethane	20.000	17.632	11.8	93	0.00
87 M	1,2-Dichlorobenzene	20.000	18.437	7.8	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.513	-2.6	104	0.00
89	1,2,4-Trichlorobenzene	20.000	17.701	11.5	90	0.00
90	Hexachlorobutadiene	20.000	17.235	13.8	85	0.00
91 M	Naphthalene	20.000	20.034	-0.2	100	0.00
92	1,2,3-Trichlorobenzene	20.000	18.672	6.6	92	0.00

(#) = Out of Range

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