

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041867.D
 Acq On : 14 Jun 2024 09:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Jun 14 09:40:36 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	18.424	7.9	99	0.00
3 M	Chloromethane	20.000	20.260	-1.3	101	0.00
4 M	Vinyl Chloride	20.000	19.474	2.6	99	0.00
5 M	Bromomethane	20.000	16.840	15.8	89	0.00
6 M	Chloroethane	20.000	20.823	-4.1	107	0.00
7 M	Trichlorofluoromethane	20.000	19.603	2.0	98	0.00
8 T	Diethyl Ether	20.000	21.712	-8.6	114	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.344	-11.7	105	0.00
10 M	1,1-Dichloroethene	20.000	21.663	-8.3	101	0.00
11	Methyl Iodide	20.000	23.461	-17.3	119	0.00
12	Methyl Acetate	20.000	27.478	-37.4#	137	0.00
13 M	Acrolein	100.000	66.970	33.0#	65	0.00
14 M	Acrylonitrile	100.000	110.069	-10.1	114	0.00
15 M	Acetone	100.000	128.534	-28.5#	122	0.00
16 M	Carbon Disulfide	20.000	16.458	17.7	87	0.00
17	Allyl chloride	20.000	20.269	-1.3	101	0.00
18 M	Methylene Chloride	20.000	22.042	-10.2	108	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.299	3.5	99	0.00
20 T	Diisopropyl ether	20.000	20.603	-3.0	104	0.00
21 M	1,1-Dichloroethane	20.000	20.288	-1.4	104	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.557	-2.8	107	0.00
23 M	tert-Butyl Alcohol	100.000	91.273	8.7	94	-0.02
24 M	Methyl tert-Butyl Ether	20.000	20.041	-0.2	103	0.00
25 M	Chloroform	20.000	19.754	1.2	101	0.00
26	Cyclohexane	20.000	18.893	5.5	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	26.511	11.6	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	19.002	5.0	99	0.00
30 M	2-Butanone	100.000	102.906	-2.9	107	0.00
31	2,2-Dichloropropane	20.000	19.096	4.5	99	0.00
32 M	1,1,1-Trichloroethane	20.000	18.189	9.1	95	0.00
33 M	Carbon Tetrachloride	20.000	17.989	10.1	95	0.00
34 M	Benzene	20.000	20.493	-2.5	105	0.00
35	Methacrylonitrile	20.000	20.159	-0.8	104	-0.01
36 M	1,2-Dichloroethane	20.000	17.795	11.0	91	-0.01
37 M	Trichloroethene	20.000	19.742	1.3	102	0.00
38	Methylcyclohexane	20.000	19.326	3.4	100	0.00
39 M	1,2-Dichloropropane	20.000	21.322	-6.6	108	0.00
40	Dibromomethane	20.000	19.459	2.7	103	0.00
41 M	Bromodichloromethane	20.000	18.873	5.6	101	0.00
42 M	Vinyl Acetate	100.000	91.025	9.0	94	0.00
43	Ethyl Acetate	20.000	17.535	12.3	91	0.00
44	Isopropyl Acetate	20.000	19.216	3.9	101	0.00
45 T	1,4-Dioxane	400.000	329.932	17.5	84	0.00
46	Methyl methacrylate	20.000	18.764	6.2	99	0.00
47	n-amyl Acetate	20.000	18.922	5.4	101	0.00
48 M	t-1,3-Dichloropropene	20.000	18.728	6.4	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.998	0.0	108	0.00
50 M	1,1,2-Trichloroethane	20.000	21.838	-9.2	114	0.00
51	Ethyl methacrylate	20.000	20.406	-2.0	109	0.00
52	1,3-Dichloropropane	20.000	21.121	-5.6	108	0.00
53 M	Dibromochloromethane	20.000	20.077	-0.4	110	0.00
54 M	1,2-Dibromoethane	20.000	21.061	-5.3	109	0.00
55 M	2-Chloroethyl vinyl ether	100.000	112.737	-12.7	115	0.00
56 M	Bromoform	20.000	20.001	-0.0	115	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.955	0.0	104	0.00
59 M	2-Hexanone	100.000	97.773	2.2	104	0.00
60 S	4-Bromofluorobenzene	30.000	30.169	-0.6	103	0.00
61 M	Tetrachloroethene	20.000	20.289	-1.4	108	0.00
62 M	Toluene	20.000	20.010	-0.1	105	0.00
63 S	Toluene-d8	30.000	28.931	3.6	99	0.00
64 M	Chlorobenzene	20.000	20.492	-2.5	110	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.194	-1.0	110	0.00
66 M	Ethyl Benzene	20.000	19.855	0.7	105	0.00
67 M	m/p-Xylenes	40.000	40.782	-2.0	105	0.00
68 M	o-Xylene	20.000	20.336	-1.7	109	0.00
69 M	Styrene	20.000	20.362	-1.8	110	0.00
70	Isopropylbenzene	20.000	20.729	-3.6	107	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.080	-5.4	112	0.00
72	1,2,3-Trichloropropane	20.000	24.543	-22.7	129	0.00
73	Bromobenzene	20.000	20.572	-2.9	111	0.00
74	n-propylbenzene	20.000	20.229	-1.1	107	0.00
75	2-Chlorotoluene	20.000	20.369	-1.8	107	0.00
76	1,3,5-Trimethylbenzene	20.000	20.331	-1.7	108	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.198	-1.0	117	0.00
78	4-Chlorotoluene	20.000	19.895	0.5	105	0.00
79	tert-butylbenzene	20.000	20.289	-1.4	108	0.00
80	1,2,4-Trimethylbenzene	20.000	20.235	-1.2	106	0.00
81	sec-Butylbenzene	20.000	20.612	-3.1	110	0.00
82	p-Isopropyltoluene	20.000	20.513	-2.6	110	0.00
83 M	1,3-Dichlorobenzene	20.000	20.571	-2.9	112	0.00
84 M	1,4-Dichlorobenzene	20.000	20.289	-1.4	110	0.00
85	n-Butylbenzene	20.000	19.529	2.4	109	0.00
86 T	Hexachloroethane	20.000	19.110	4.5	110	0.00
87 M	1,2-Dichlorobenzene	20.000	20.546	-2.7	110	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.375	8.1	102	0.00
89	1,2,4-Trichlorobenzene	20.000	20.320	-1.6	113	0.00
90	Hexachlorobutadiene	20.000	21.133	-5.7	115	0.00
91 M	Naphthalene	20.000	20.384	-1.9	111	0.00
92	1,2,3-Trichlorobenzene	20.000	20.821	-4.1	112	0.00

(#) = Out of Range

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