

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041878.D
 Acq On : 14 Jun 2024 15:16
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061424

Quant Time: Jun 15 04:10:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 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	105	0.00
2 M	Dichlorodifluoromethane	20.000	19.635	1.8	101	0.00
3 M	Chloromethane	20.000	19.598	2.0	102	0.00
4 M	Vinyl Chloride	20.000	19.142	4.3	104	0.00
5 M	Bromomethane	20.000	18.464	7.7	101	0.00
6 M	Chloroethane	20.000	24.423	-22.1	128	0.00
7 M	Trichlorofluoromethane	20.000	20.112	-0.6	104	0.00
8 T	Diethyl Ether	20.000	18.664	6.7	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.702	1.5	106	0.00
10 M	1,1-Dichloroethene	20.000	19.187	4.1	104	0.00
11	Methyl Iodide	20.000	18.162	9.2	96	0.00
12	Methyl Acetate	20.000	19.147	4.3	101	0.00
13 M	Acrolein	100.000	89.095	10.9	99	0.00
14 M	Acrylonitrile	100.000	98.037	2.0	103	0.00
15 M	Acetone	100.000	110.639	-10.6	114	0.00
16 M	Carbon Disulfide	20.000	19.276	3.6	116	0.00
17	Allyl chloride	20.000	20.303	-1.5	106	0.00
18 M	Methylene Chloride	20.000	18.644	6.8	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.190	4.0	104	0.00
20 T	Diisopropyl ether	20.000	19.120	4.4	102	0.00
21 M	1,1-Dichloroethane	20.000	18.612	6.9	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.808	6.0	102	0.00
23 M	tert-Butyl Alcohol	100.000	116.035	-16.0	121	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.249	3.8	104	0.00
25 M	Chloroform	20.000	19.088	4.6	102	0.00
26	Cyclohexane	20.000	19.343	3.3	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.393	5.4	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	20.175	-0.9	108	0.00
30 M	2-Butanone	100.000	107.880	-7.9	107	0.00
31	2,2-Dichloropropane	20.000	20.708	-3.5	110	0.00
32 M	1,1,1-Trichloroethane	20.000	19.670	1.6	104	0.00
33 M	Carbon Tetrachloride	20.000	19.855	0.7	105	0.00
34 M	Benzene	20.000	19.977	0.1	102	0.00
35	Methacrylonitrile	20.000	19.907	0.5	103	0.00
36 M	1,2-Dichloroethane	20.000	20.079	-0.4	103	0.00
37 M	Trichloroethene	20.000	19.878	0.6	106	0.00
38	Methylcyclohexane	20.000	20.457	-2.3	109	0.00
39 M	1,2-Dichloropropane	20.000	19.483	2.6	101	0.00
40	Dibromomethane	20.000	19.946	0.3	104	0.00
41 M	Bromodichloromethane	20.000	19.384	3.1	104	0.00
42 M	Vinyl Acetate	100.000	102.184	-2.2	105	0.00
43	Ethyl Acetate	20.000	20.198	-1.0	106	0.00
44	Isopropyl Acetate	20.000	20.104	-0.5	105	0.00
45 T	1,4-Dioxane	400.000	401.835	-0.5	104	0.00
46	Methyl methacrylate	20.000	19.860	0.7	102	0.00
47	n-amyl Acetate	20.000	19.379	3.1	104	0.00
48 M	t-1,3-Dichloropropene	20.000	19.583	2.1	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.580	2.1	104	0.00
50 M	1,1,2-Trichloroethane	20.000	19.350	3.2	99	0.00
51	Ethyl methacrylate	20.000	19.599	2.0	105	0.00
52	1,3-Dichloropropane	20.000	19.961	0.2	102	0.00
53 M	Dibromochloromethane	20.000	19.199	4.0	104	0.00
54 M	1,2-Dibromoethane	20.000	19.830	0.9	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.857	6.1	93	0.00
56 M	Bromoform	20.000	18.775	6.1	105	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.823	-2.8	103	0.00
59 M	2-Hexanone	100.000	105.059	-5.1	106	0.00
60 S	4-Bromofluorobenzene	30.000	30.184	-0.6	105	0.00
61 M	Tetrachloroethene	20.000	20.230	-1.2	103	0.00
62 M	Toluene	20.000	19.856	0.7	103	0.00
63 S	Toluene-d8	30.000	30.336	-1.1	103	0.00
64 M	Chlorobenzene	20.000	19.747	1.3	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.664	1.7	104	0.00
66 M	Ethyl Benzene	20.000	19.681	1.6	103	0.00
67 M	m/p-Xylenes	40.000	39.676	0.8	104	0.00
68 M	o-Xylene	20.000	19.647	1.8	102	0.00
69 M	Styrene	20.000	19.904	0.5	103	0.00
70	Isopropylbenzene	20.000	19.931	0.3	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.726	1.4	101	0.00
72	1,2,3-Trichloropropane	20.000	19.618	1.9	102	0.00
73	Bromobenzene	20.000	19.523	2.4	103	0.00
74	n-propylbenzene	20.000	19.973	0.1	105	0.00
75	2-Chlorotoluene	20.000	19.761	1.2	102	0.00
76	1,3,5-Trimethylbenzene	20.000	19.826	0.9	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.759	6.2	109	0.00
78	4-Chlorotoluene	20.000	19.596	2.0	103	0.00
79	tert-butylbenzene	20.000	19.685	1.6	103	0.00
80	1,2,4-Trimethylbenzene	20.000	19.872	0.6	104	0.00
81	sec-Butylbenzene	20.000	19.880	0.6	104	0.00
82	p-Isopropyltoluene	20.000	19.920	0.4	105	0.00
83 M	1,3-Dichlorobenzene	20.000	19.602	2.0	104	0.00
84 M	1,4-Dichlorobenzene	20.000	19.328	3.4	104	0.00
85	n-Butylbenzene	20.000	19.310	3.5	108	0.00
86 T	Hexachloroethane	20.000	19.179	4.1	107	0.00
87 M	1,2-Dichlorobenzene	20.000	19.386	3.1	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.876	5.6	104	0.00
89	1,2,4-Trichlorobenzene	20.000	18.760	6.2	107	0.00
90	Hexachlorobutadiene	20.000	19.330	3.4	104	0.00
91 M	Naphthalene	20.000	19.162	4.2	105	0.00
92	1,2,3-Trichlorobenzene	20.000	18.980	5.1	105	0.00

(#) = Out of Range

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