

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041537.D
 Acq On : 15 May 2024 14:01
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051524

Quant Time: May 16 05:17:20 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	20.735	-3.7	122	0.00
3 M	Chloromethane	20.000	20.346	-1.7	112	0.00
4 M	Vinyl Chloride	20.000	18.381	8.1	102	0.00
5 M	Bromomethane	20.000	17.908	10.5	103	0.00
6 M	Chloroethane	20.000	19.593	2.0	111	0.00
7 M	Trichlorofluoromethane	20.000	19.703	1.5	108	0.00
8 T	Diethyl Ether	20.000	19.381	3.1	111	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.616	-8.1	111	0.00
10 M	1,1-Dichloroethene	20.000	21.392	-7.0	110	0.00
11	Methyl Iodide	20.000	18.087	9.6	100	0.00
12	Methyl Acetate	20.000	20.320	-1.6	111	0.00
13 M	Acrolein	100.000	99.132	0.9	106	0.00
14 M	Acrylonitrile	100.000	98.967	1.0	112	0.00
15 M	Acetone	100.000	112.374	-12.4	116	0.00
16 M	Carbon Disulfide	20.000	20.924	-4.6	121	0.00
17	Allyl chloride	20.000	20.454	-2.3	112	0.00
18 M	Methylene Chloride	20.000	20.371	-1.9	109	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.054	4.7	107	0.00
20 T	Diisopropyl ether	20.000	19.483	2.6	108	0.00
21 M	1,1-Dichloroethane	20.000	19.345	3.3	109	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.184	4.1	110	0.00
23 M	tert-Butyl Alcohol	100.000	106.739	-6.7	121	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.589	2.1	111	0.00
25 M	Chloroform	20.000	19.213	3.9	108	0.00
26	Cyclohexane	20.000	19.529	2.4	109	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.349	2.2	106	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	108	0.00
29	1,1-Dichloropropene	20.000	19.803	1.0	110	0.00
30 M	2-Butanone	100.000	103.369	-3.4	114	0.00
31	2,2-Dichloropropane	20.000	20.168	-0.8	111	0.00
32 M	1,1,1-Trichloroethane	20.000	19.741	1.3	110	0.00
33 M	Carbon Tetrachloride	20.000	19.897	0.5	112	0.00
34 M	Benzene	20.000	19.735	1.3	108	0.00
35	Methacrylonitrile	20.000	20.675	-3.4	114	-0.01
36 M	1,2-Dichloroethane	20.000	20.095	-0.5	110	0.00
37 M	Trichloroethene	20.000	19.514	2.4	108	0.00
38	Methylcyclohexane	20.000	20.343	-1.7	112	0.00
39 M	1,2-Dichloropropane	20.000	20.113	-0.6	109	0.00
40	Dibromomethane	20.000	20.024	-0.1	113	0.00
41 M	Bromodichloromethane	20.000	19.262	3.7	110	0.00
42 M	Vinyl Acetate	100.000	99.684	0.3	110	0.00
43	Ethyl Acetate	20.000	19.058	4.7	106	0.00
44	Isopropyl Acetate	20.000	19.879	0.6	112	0.00
45 T	1,4-Dioxane	400.000	406.864	-1.7	111	0.00
46	Methyl methacrylate	20.000	20.261	-1.3	114	0.00
47	n-amyl Acetate	20.000	19.730	1.3	112	0.00
48 M	t-1,3-Dichloropropene	20.000	19.295	3.5	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.618	1.9	113	0.00
50 M	1,1,2-Trichloroethane	20.000	19.508	2.5	109	0.00
51	Ethyl methacrylate	20.000	19.411	2.9	111	0.00
52	1,3-Dichloropropane	20.000	19.891	0.5	109	0.00
53 M	Dibromochloromethane	20.000	19.312	3.4	113	0.00
54 M	1,2-Dibromoethane	20.000	20.364	-1.8	112	0.00
55 M	2-Chloroethyl vinyl ether	100.000	78.742	21.3	86	0.00
56 M	Bromoform	20.000	19.152	4.2	118	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.166	-1.2	111	0.00
59 M	2-Hexanone	100.000	101.570	-1.6	114	0.00
60 S	4-Bromofluorobenzene	30.000	30.331	-1.1	110	0.00
61 M	Tetrachloroethene	20.000	20.176	-0.9	114	0.00
62 M	Toluene	20.000	19.553	2.2	109	0.00
63 S	Toluene-d8	30.000	29.645	1.2	108	0.00
64 M	Chlorobenzene	20.000	19.849	0.8	112	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.182	4.1	110	0.00
66 M	Ethyl Benzene	20.000	19.832	0.8	111	0.00
67 M	m/p-Xylenes	40.000	40.711	-1.8	111	0.00
68 M	o-Xylene	20.000	19.600	2.0	111	0.00
69 M	Styrene	20.000	19.647	1.8	112	0.00
70	Isopropylbenzene	20.000	20.288	-1.4	111	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.816	0.9	111	0.00
72	1,2,3-Trichloropropane	20.000	20.495	-2.5	114	0.00
73	Bromobenzene	20.000	20.024	-0.1	114	0.00
74	n-propylbenzene	20.000	20.334	-1.7	114	0.00
75	2-Chlorotoluene	20.000	19.980	0.1	111	0.00
76	1,3,5-Trimethylbenzene	20.000	20.067	-0.3	113	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.547	7.3	114	0.00
78	4-Chlorotoluene	20.000	19.657	1.7	110	0.00
79	tert-butylbenzene	20.000	19.869	0.7	112	0.00
80	1,2,4-Trimethylbenzene	20.000	20.039	-0.2	112	0.00
81	sec-Butylbenzene	20.000	20.000	0.0	113	0.00
82	p-Isopropyltoluene	20.000	20.114	-0.6	115	0.00
83 M	1,3-Dichlorobenzene	20.000	19.892	0.5	114	0.00
84 M	1,4-Dichlorobenzene	20.000	19.900	0.5	114	0.00
85	n-Butylbenzene	20.000	19.622	1.9	116	0.00
86 T	Hexachloroethane	20.000	19.121	4.4	116	0.00
87 M	1,2-Dichlorobenzene	20.000	19.724	1.4	112	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.676	1.6	115	0.00
89	1,2,4-Trichlorobenzene	20.000	20.299	-1.5	119	0.00
90	Hexachlorobutadiene	20.000	20.755	-3.8	119	0.00
91 M	Naphthalene	20.000	20.094	-0.5	116	0.00
92	1,2,3-Trichlorobenzene	20.000	20.650	-3.2	118	0.00

(#) = Out of Range

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