

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030524\
 Data File : VX040585.D
 Acq On : 05 Mar 2024 13:36
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030524

Quant Time: Mar 06 00:10:15 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	21.248	-6.2	122	0.00
3 M	Chloromethane	20.000	20.233	-1.2	113	0.00
4 M	Vinyl Chloride	20.000	20.449	-2.2	116	0.00
5 M	Bromomethane	20.000	22.844	-14.2	109	0.01
6 M	Chloroethane	20.000	20.302	-1.5	125	0.02
7 M	Trichlorofluoromethane	20.000	19.862	0.7	120	0.01
8 T	Diethyl Ether	20.000	19.235	3.8	115	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.960	-9.8	125	0.00
10 M	1,1-Dichloroethene	20.000	20.546	-2.7	119	0.00
11	Methyl Iodide	20.000	19.039	4.8	113	0.00
12	Methyl Acetate	20.000	19.298	3.5	111	0.00
13 M	Acrolein	100.000	94.743	5.3	111	0.00
14 M	Acrylonitrile	100.000	96.225	3.8	109	0.00
15 M	Acetone	100.000	97.708	2.3	104	0.00
16 M	Carbon Disulfide	20.000	20.466	-2.3	121	0.00
17	Allyl chloride	20.000	19.726	1.4	113	0.00
18 M	Methylene Chloride	20.000	20.536	-2.7	118	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.433	-2.2	116	0.00
20 T	Diisopropyl ether	20.000	19.541	2.3	112	0.00
21 M	1,1-Dichloroethane	20.000	20.611	-3.1	117	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.381	-1.9	115	0.00
23 M	tert-Butyl Alcohol	100.000	95.158	4.8	113	-0.04
24 M	Methyl tert-Butyl Ether	20.000	20.288	-1.4	117	0.00
25 M	Chloroform	20.000	20.302	-1.5	117	0.00
26	Cyclohexane	20.000	20.435	-2.2	121	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.276	2.4	106	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	110	0.00
29	1,1-Dichloropropene	20.000	20.454	-2.3	122	0.00
30 M	2-Butanone	100.000	97.218	2.8	110	-0.01
31	2,2-Dichloropropane	20.000	21.066	-5.3	122	0.00
32 M	1,1,1-Trichloroethane	20.000	20.173	-0.9	119	0.01
33 M	Carbon Tetrachloride	20.000	20.055	-0.3	120	0.00
34 M	Benzene	20.000	20.230	-1.2	117	0.00
35	Methacrylonitrile	20.000	19.208	4.0	109	0.00
36 M	1,2-Dichloroethane	20.000	19.827	0.9	113	0.00
37 M	Trichloroethene	20.000	20.143	-0.7	118	0.00
38	Methylcyclohexane	20.000	21.226	-6.1	123	0.00
39 M	1,2-Dichloropropane	20.000	20.294	-1.5	115	0.00
40	Dibromomethane	20.000	20.217	-1.1	112	0.00
41 M	Bromodichloromethane	20.000	20.369	-1.8	117	0.00
42 M	Vinyl Acetate	100.000	99.292	0.7	116	0.00
43	Ethyl Acetate	20.000	20.090	-0.4	111	0.00
44	Isopropyl Acetate	20.000	19.123	4.4	112	0.00
45 T	1,4-Dioxane	400.000	394.731	1.3	109	0.00
46	Methyl methacrylate	20.000	20.263	-1.3	114	0.00
47	n-amyl Acetate	20.000	18.659	6.7	120	0.00
48 M	t-1,3-Dichloropropene	20.000	20.090	-0.4	122	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.449	-2.2	120	0.00
50 M	1,1,2-Trichloroethane	20.000	20.059	-0.3	114	0.00
51	Ethyl methacrylate	20.000	19.805	1.0	114	0.00
52	1,3-Dichloropropane	20.000	20.120	-0.6	113	0.00
53 M	Dibromochloromethane	20.000	19.643	1.8	114	0.00
54 M	1,2-Dibromoethane	20.000	19.931	0.3	115	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.007	-2.0	112	0.00
56 M	Bromoform	20.000	18.005	10.0	112	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.030	-6.0	110	0.00
59 M	2-Hexanone	100.000	105.625	-5.6	113	0.00
60 S	4-Bromofluorobenzene	30.000	31.225	-4.1	116	0.00
61 M	Tetrachloroethene	20.000	22.638	-13.2	120	0.00
62 M	Toluene	20.000	21.973	-9.9	116	0.00
63 S	Toluene-d8	30.000	32.548	-8.5	107	0.00
64 M	Chlorobenzene	20.000	20.472	-2.4	120	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.268	3.7	115	0.00
66 M	Ethyl Benzene	20.000	20.410	-2.1	121	0.00
67 M	m/p-Xylenes	40.000	40.419	-1.0	120	0.00
68 M	o-Xylene	20.000	20.219	-1.1	118	0.00
69 M	Styrene	20.000	19.874	0.6	115	0.00
70	Isopropylbenzene	20.000	21.251	-6.3	125	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.672	-3.4	119	0.00
72	1,2,3-Trichloropropane	20.000	19.622	1.9	121	0.00
73	Bromobenzene	20.000	21.064	-5.3	124	0.00
74	n-propylbenzene	20.000	20.967	-4.8	126	0.00
75	2-Chlorotoluene	20.000	20.477	-2.4	123	0.00
76	1,3,5-Trimethylbenzene	20.000	20.747	-3.7	125	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.865	5.7	112	0.00
78	4-Chlorotoluene	20.000	20.774	-3.9	130	0.00
79	tert-butylbenzene	20.000	20.574	-2.9	128	0.00
80	1,2,4-Trimethylbenzene	20.000	20.296	-1.5	126	0.00
81	sec-Butylbenzene	20.000	20.894	-4.5	129	0.00
82	p-Isopropyltoluene	20.000	22.240	-11.2	138	0.00
83 M	1,3-Dichlorobenzene	20.000	20.950	-4.7	127	0.00
84 M	1,4-Dichlorobenzene	20.000	21.927	-9.6	133	0.00
85	n-Butylbenzene	20.000	22.507	-12.5	140	0.00
86 T	Hexachloroethane	20.000	21.953	-9.8	142	0.00
87 M	1,2-Dichlorobenzene	20.000	21.509	-7.5	128	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.312	-11.6	134	0.00
89	1,2,4-Trichlorobenzene	20.000	22.572	-12.9	136	0.00
90	Hexachlorobutadiene	20.000	22.400	-12.0	136	0.00
91 M	Naphthalene	20.000	21.802	-9.0	133	0.00
92	1,2,3-Trichlorobenzene	20.000	21.664	-8.3	131	0.00

(#) = Out of Range

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