

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
 Data File : VX042865.D
 Acq On : 06 Aug 2024 12:35
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080624

Quant Time: Aug 07 04:56:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 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	83	0.00
2 M	Dichlorodifluoromethane	20.000	20.222	-1.1	84	0.00
3 M	Chloromethane	20.000	20.815	-4.1	96	0.00
4 M	Vinyl Chloride	20.000	20.147	-0.7	89	0.00
5 M	Bromomethane	20.000	18.586	7.1	80	0.00
6 M	Chloroethane	20.000	20.086	-0.4	85	-0.02
7 M	Trichlorofluoromethane	20.000	21.414	-7.1	83	-0.01
8 T	Diethyl Ether	20.000	20.297	-1.5	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.733	-3.7	88	-0.01
10 M	1,1-Dichloroethene	20.000	19.452	2.7	84	0.00
11	Methyl Iodide	20.000	19.824	0.9	97	-0.01
12	Methyl Acetate	20.000	22.637	-13.2	85	0.00
13 M	Acrolein	100.000	79.794	20.2	96	0.00
14 M	Acrylonitrile	100.000	102.692	-2.7	88	0.00
15 M	Acetone	100.000	96.466	3.5	84	0.00
16 M	Carbon Disulfide	20.000	18.160	9.2	79	-0.01
17	Allyl chloride	20.000	21.342	-6.7	85	0.00
18 M	Methylene Chloride	20.000	21.035	-5.2	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.087	-0.4	84	0.00
20 T	Diisopropyl ether	20.000	21.249	-6.2	88	0.00
21 M	1,1-Dichloroethane	20.000	20.500	-2.5	85	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.563	-2.8	89	0.00
23 M	tert-Butyl Alcohol	100.000	94.104	5.9	82	0.02
24 M	Methyl tert-Butyl Ether	20.000	20.774	-3.9	89	0.00
25 M	Chloroform	20.000	20.358	-1.8	87	0.00
26	Cyclohexane	20.000	19.399	3.0	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.342	2.2	82	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	81	0.00
29	1,1-Dichloropropene	20.000	20.171	-0.9	84	0.00
30 M	2-Butanone	100.000	102.000	-2.0	84	0.00
31	2,2-Dichloropropane	20.000	21.799	-9.0	90	0.00
32 M	1,1,1-Trichloroethane	20.000	20.673	-3.4	87	0.00
33 M	Carbon Tetrachloride	20.000	20.328	-1.6	85	-0.01
34 M	Benzene	20.000	20.859	-4.3	88	0.00
35	Methacrylonitrile	20.000	21.497	-7.5	88	0.00
36 M	1,2-Dichloroethane	20.000	20.582	-2.9	85	0.00
37 M	Trichloroethene	20.000	19.853	0.7	83	0.00
38	Methylcyclohexane	20.000	20.101	-0.5	86	0.00
39 M	1,2-Dichloropropane	20.000	20.218	-1.1	84	0.00
40	Dibromomethane	20.000	20.473	-2.4	84	0.00
41 M	Bromodichloromethane	20.000	20.008	-0.0	83	0.00
42 M	Vinyl Acetate	100.000	102.879	-2.9	87	0.00
43	Ethyl Acetate	20.000	21.169	-5.8	89	0.00
44	Isopropyl Acetate	20.000	20.432	-2.2	84	0.00
45 T	1,4-Dioxane	400.000	437.799	-9.4	87	0.00
46	Methyl methacrylate	20.000	19.722	1.4	81	0.00
47	n-amyl Acetate	20.000	20.218	-1.1	88	0.00
48 M	t-1,3-Dichloropropene	20.000	19.690	1.5	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.390	-2.0	84	0.00
50 M	1,1,2-Trichloroethane	20.000	21.342	-6.7	87	0.00
51	Ethyl methacrylate	20.000	20.206	-1.0	85	0.00
52	1,3-Dichloropropane	20.000	20.914	-4.6	85	0.00
53 M	Dibromochloromethane	20.000	19.835	0.8	83	0.00
54 M	1,2-Dibromoethane	20.000	20.909	-4.5	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	110.654	-10.7	92	0.00
56 M	Bromoform	20.000	19.022	4.9	81	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.675	-5.7	85	0.00
59 M	2-Hexanone	100.000	104.027	-4.0	86	0.00
60 S	4-Bromofluorobenzene	30.000	29.360	2.1	81	0.00
61 M	Tetrachloroethene	20.000	20.950	-4.7	87	0.00
62 M	Toluene	20.000	20.674	-3.4	86	0.00
63 S	Toluene-d8	30.000	29.885	0.4	81	0.00
64 M	Chlorobenzene	20.000	20.981	-4.9	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.366	-1.8	85	0.00
66 M	Ethyl Benzene	20.000	20.515	-2.6	85	0.00
67 M	m/p-Xylenes	40.000	41.442	-3.6	86	0.00
68 M	o-Xylene	20.000	20.507	-2.5	85	0.00
69 M	Styrene	20.000	20.280	-1.4	85	0.00
70	Isopropylbenzene	20.000	21.123	-5.6	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.285	-6.4	88	0.00
72	1,2,3-Trichloropropane	20.000	20.875	-4.4	90	0.00
73	Bromobenzene	20.000	20.269	-1.3	87	0.00
74	n-propylbenzene	20.000	20.421	-2.1	85	0.00
75	2-Chlorotoluene	20.000	21.238	-6.2	90	0.00
76	1,3,5-Trimethylbenzene	20.000	20.547	-2.7	87	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.334	8.3	81	0.00
78	4-Chlorotoluene	20.000	20.747	-3.7	89	0.00
79	tert-butylbenzene	20.000	20.883	-4.4	89	0.00
80	1,2,4-Trimethylbenzene	20.000	21.609	-8.0	92	0.00
81	sec-Butylbenzene	20.000	20.860	-4.3	88	0.00
82	p-Isopropyltoluene	20.000	20.456	-2.3	86	0.00
83 M	1,3-Dichlorobenzene	20.000	20.989	-4.9	89	0.00
84 M	1,4-Dichlorobenzene	20.000	20.021	-0.1	85	0.00
85	n-Butylbenzene	20.000	19.131	4.3	81	0.00
86 T	Hexachloroethane	20.000	18.999	5.0	83	0.00
87 M	1,2-Dichlorobenzene	20.000	20.898	-4.5	90	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.440	2.8	86	0.00
89	1,2,4-Trichlorobenzene	20.000	19.390	3.0	84	0.00
90	Hexachlorobutadiene	20.000	19.875	0.6	86	0.00
91 M	Naphthalene	20.000	20.208	-1.0	88	0.00
92	1,2,3-Trichlorobenzene	20.000	20.184	-0.9	86	0.00

(#) = Out of Range

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