

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080224\
 Data File : VX042844.D
 Acq On : 02 Aug 2024 15:46
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080224

Quant Time: Aug 02 21:34:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 02 21:32:14 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	18.756	6.2	99	0.00
3 M	Chloromethane	20.000	18.977	5.1	100	0.00
4 M	Vinyl Chloride	20.000	18.772	6.1	101	0.00
5 M	Bromomethane	20.000	21.124	-5.6	84	0.00
6 M	Chloroethane	20.000	20.192	-1.0	91	0.00
7 M	Trichlorofluoromethane	20.000	20.444	-2.2	106	0.00
8 T	Diethyl Ether	20.000	18.316	8.4	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.207	-1.0	107	0.00
10 M	1,1-Dichloroethene	20.000	20.274	-1.4	106	0.00
11	Methyl Iodide	20.000	17.534	12.3	95	0.00
12	Methyl Acetate	20.000	21.325	-6.6	98	0.00
13 M	Acrolein	100.000	76.988	23.0	93	0.00
14 M	Acrylonitrile	100.000	96.956	3.0	99	0.00
15 M	Acetone	100.000	89.698	10.3	102	0.00
16 M	Carbon Disulfide	20.000	18.564	7.2	106	0.00
17	Allyl chloride	20.000	20.447	-2.2	104	0.00
18 M	Methylene Chloride	20.000	19.905	0.5	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.497	2.5	103	0.00
20 T	Diisopropyl ether	20.000	19.512	2.4	97	0.00
21 M	1,1-Dichloroethane	20.000	19.668	1.7	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.431	2.8	99	0.00
23 M	tert-Butyl Alcohol	100.000	94.363	5.6	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.214	3.9	100	0.00
25 M	Chloroform	20.000	19.714	1.4	100	-0.01
26	Cyclohexane	20.000	18.675	6.6	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.757	4.1	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	19.860	0.7	106	0.00
30 M	2-Butanone	100.000	92.529	7.5	98	0.00
31	2,2-Dichloropropane	20.000	20.104	-0.5	108	0.00
32 M	1,1,1-Trichloroethane	20.000	19.739	1.3	103	0.00
33 M	Carbon Tetrachloride	20.000	19.310	3.5	100	0.00
34 M	Benzene	20.000	19.054	4.7	97	0.00
35	Methacrylonitrile	20.000	18.807	6.0	98	0.00
36 M	1,2-Dichloroethane	20.000	18.859	5.7	97	0.00
37 M	Trichloroethene	20.000	20.429	-2.1	108	0.00
38	Methylcyclohexane	20.000	18.986	5.1	102	0.00
39 M	1,2-Dichloropropane	20.000	19.071	4.6	97	0.00
40	Dibromomethane	20.000	18.406	8.0	94	0.00
41 M	Bromodichloromethane	20.000	18.950	5.3	96	0.00
42 M	Vinyl Acetate	100.000	95.420	4.6	100	0.00
43	Ethyl Acetate	20.000	19.022	4.9	98	0.00
44	Isopropyl Acetate	20.000	18.230	8.8	95	0.00
45 T	1,4-Dioxane	400.000	364.793	8.8	91	0.00
46	Methyl methacrylate	20.000	18.189	9.1	94	0.00
47	n-amyl Acetate	20.000	18.666	6.7	101	0.00
48 M	t-1,3-Dichloropropene	20.000	19.566	2.2	104	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.131	4.3	101	0.00
50 M	1,1,2-Trichloroethane	20.000	19.447	2.8	95	0.00
51	Ethyl methacrylate	20.000	18.480	7.6	94	0.00
52	1,3-Dichloropropane	20.000	19.545	2.3	97	0.00
53 M	Dibromochloromethane	20.000	19.069	4.7	102	0.00
54 M	1,2-Dibromoethane	20.000	19.456	2.7	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.421	-3.4	102	0.00
56 M	Bromoform	20.000	18.724	6.4	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.332	-0.3	97	0.00
59 M	2-Hexanone	100.000	99.428	0.6	99	0.00
60 S	4-Bromofluorobenzene	30.000	29.658	1.1	102	0.00
61 M	Tetrachloroethene	20.000	19.401	3.0	93	0.00
62 M	Toluene	20.000	19.728	1.4	100	0.00
63 S	Toluene-d8	30.000	29.899	0.3	100	0.00
64 M	Chlorobenzene	20.000	20.056	-0.3	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.675	1.6	99	0.00
66 M	Ethyl Benzene	20.000	20.163	-0.8	102	0.00
67 M	m/p-Xylenes	40.000	40.085	-0.2	99	0.00
68 M	o-Xylene	20.000	20.116	-0.6	97	0.00
69 M	Styrene	20.000	20.399	-2.0	103	0.00
70	Isopropylbenzene	20.000	20.217	-1.1	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.322	3.4	95	0.00
72	1,2,3-Trichloropropane	20.000	20.986	-4.9	111	0.00
73	Bromobenzene	20.000	20.226	-1.1	104	0.00
74	n-propylbenzene	20.000	20.165	-0.8	103	0.00
75	2-Chlorotoluene	20.000	19.879	0.6	99	0.00
76	1,3,5-Trimethylbenzene	20.000	20.316	-1.6	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.190	9.0	97	0.00
78	4-Chlorotoluene	20.000	19.941	0.3	102	0.00
79	tert-butylbenzene	20.000	20.160	-0.8	101	0.00
80	1,2,4-Trimethylbenzene	20.000	20.130	-0.6	102	0.00
81	sec-Butylbenzene	20.000	20.162	-0.8	103	0.00
82	p-Isopropyltoluene	20.000	21.014	-5.1	107	0.00
83 M	1,3-Dichlorobenzene	20.000	20.647	-3.2	104	0.00
84 M	1,4-Dichlorobenzene	20.000	20.917	-4.6	107	0.00
85	n-Butylbenzene	20.000	20.424	-2.1	108	0.00
86 T	Hexachloroethane	20.000	19.552	2.2	102	0.00
87 M	1,2-Dichlorobenzene	20.000	20.546	-2.7	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.956	5.2	100	0.00
89	1,2,4-Trichlorobenzene	20.000	21.679	-8.4	113	0.00
90	Hexachlorobutadiene	20.000	21.622	-8.1	117	0.00
91 M	Naphthalene	20.000	21.125	-5.6	111	0.00
92	1,2,3-Trichlorobenzene	20.000	21.358	-6.8	113	0.00

(#) = Out of Range

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