

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043011.D
 Acq On : 13 Aug 2024 13:37
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081324

Quant Time: Aug 14 04:30:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	18.974	5.1	93	0.00
3 M	Chloromethane	20.000	19.201	4.0	96	0.00
4 M	Vinyl Chloride	20.000	19.088	4.6	96	0.00
5 M	Bromomethane	20.000	19.830	0.9	105	0.00
6 M	Chloroethane	20.000	23.577	-17.9	119	0.00
7 M	Trichlorofluoromethane	20.000	21.044	-5.2	100	0.00
8 T	Diethyl Ether	20.000	19.529	2.4	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.048	4.8	95	0.00
10 M	1,1-Dichloroethene	20.000	19.630	1.9	95	0.00
11	Methyl Iodide	20.000	16.884	15.6	85	0.00
12	Methyl Acetate	20.000	18.937	5.3	91	0.00
13 M	Acrolein	100.000	87.991	12.0	91	0.00
14 M	Acrylonitrile	100.000	94.233	5.8	93	0.00
15 M	Acetone	100.000	100.983	-1.0	92	0.00
16 M	Carbon Disulfide	20.000	19.056	4.7	97	0.00
17	Allyl chloride	20.000	19.642	1.8	92	0.00
18 M	Methylene Chloride	20.000	19.228	3.9	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.353	3.2	98	0.00
20 T	Diisopropyl ether	20.000	19.035	4.8	91	0.00
21 M	1,1-Dichloroethane	20.000	18.432	7.8	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.316	3.4	95	0.00
23 M	tert-Butyl Alcohol	100.000	93.789	6.2	90	-0.01
24 M	Methyl tert-Butyl Ether	20.000	18.310	8.5	91	0.00
25 M	Chloroform	20.000	18.572	7.1	94	-0.01
26	Cyclohexane	20.000	18.788	6.1	95	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.551	4.8	92	-0.01
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	18.381	8.1	93	0.00
30 M	2-Butanone	100.000	94.577	5.4	92	-0.01
31	2,2-Dichloropropane	20.000	18.516	7.4	92	0.00
32 M	1,1,1-Trichloroethane	20.000	18.298	8.5	93	0.00
33 M	Carbon Tetrachloride	20.000	18.439	7.8	94	0.00
34 M	Benzene	20.000	18.571	7.1	93	0.00
35	Methacrylonitrile	20.000	18.575	7.1	92	-0.01
36 M	1,2-Dichloroethane	20.000	17.487	12.6	89	0.00
37 M	Trichloroethene	20.000	18.741	6.3	94	0.00
38	Methylcyclohexane	20.000	19.363	3.2	98	0.00
39 M	1,2-Dichloropropane	20.000	18.273	8.6	91	0.00
40	Dibromomethane	20.000	18.823	5.9	95	0.00
41 M	Bromodichloromethane	20.000	18.335	8.3	93	0.00
42 M	Vinyl Acetate	100.000	98.385	1.6	94	0.00
43	Ethyl Acetate	20.000	19.182	4.1	100	0.00
44	Isopropyl Acetate	20.000	18.564	7.2	91	0.00
45 T	1,4-Dioxane	400.000	314.928	21.3	77	0.00
46	Methyl methacrylate	20.000	18.087	9.6	93	0.00
47	n-amyl Acetate	20.000	18.219	8.9	92	0.00
48 M	t-1,3-Dichloropropene	20.000	18.610	7.0	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.603	7.0	93	0.00
50 M	1,1,2-Trichloroethane	20.000	18.639	6.8	93	0.00
51	Ethyl methacrylate	20.000	18.438	7.8	92	0.00
52	1,3-Dichloropropane	20.000	18.957	5.2	94	0.00
53 M	Dibromochloromethane	20.000	18.577	7.1	94	0.00
54 M	1,2-Dibromoethane	20.000	18.964	5.2	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.528	13.5	83	0.00
56 M	Bromoform	20.000	18.498	7.5	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.733	3.3	93	0.00
59 M	2-Hexanone	100.000	96.825	3.2	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.451	1.8	97	0.00
61 M	Tetrachloroethene	20.000	19.273	3.6	96	0.00
62 M	Toluene	20.000	19.330	3.4	95	0.00
63 S	Toluene-d8	30.000	30.354	-1.2	96	0.00
64 M	Chlorobenzene	20.000	19.188	4.1	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.866	5.7	95	0.00
66 M	Ethyl Benzene	20.000	19.230	3.8	95	0.00
67 M	m/p-Xylenes	40.000	39.804	0.5	97	0.00
68 M	o-Xylene	20.000	19.403	3.0	96	0.00
69 M	Styrene	20.000	19.348	3.3	95	0.00
70	Isopropylbenzene	20.000	19.448	2.8	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.949	5.3	94	0.00
72	1,2,3-Trichloropropane	20.000	18.127	9.4	94	0.00
73	Bromobenzene	20.000	18.993	5.0	95	0.00
74	n-propylbenzene	20.000	19.274	3.6	97	0.00
75	2-Chlorotoluene	20.000	18.947	5.3	95	0.00
76	1,3,5-Trimethylbenzene	20.000	19.569	2.2	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.972	10.1	92	0.00
78	4-Chlorotoluene	20.000	19.566	2.2	98	0.00
79	tert-butylbenzene	20.000	19.793	1.0	98	0.00
80	1,2,4-Trimethylbenzene	20.000	19.166	4.2	95	0.00
81	sec-Butylbenzene	20.000	19.525	2.4	99	0.00
82	p-Isopropyltoluene	20.000	19.392	3.0	98	0.00
83 M	1,3-Dichlorobenzene	20.000	19.591	2.0	101	0.00
84 M	1,4-Dichlorobenzene	20.000	18.677	6.6	95	0.00
85	n-Butylbenzene	20.000	19.288	3.6	100	0.00
86 T	Hexachloroethane	20.000	18.397	8.0	94	0.00
87 M	1,2-Dichlorobenzene	20.000	19.455	2.7	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.285	13.6	91	0.00
89	1,2,4-Trichlorobenzene	20.000	18.840	5.8	100	0.00
90	Hexachlorobutadiene	20.000	19.459	2.7	103	0.00
91 M	Naphthalene	20.000	18.716	6.4	96	0.00
92	1,2,3-Trichlorobenzene	20.000	18.955	5.2	99	0.00

(#) = Out of Range

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