

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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	94	0.00
2 M	Dichlorodifluoromethane	1.710	1.622	5.1	93	0.00
3 M	Chloromethane	2.572	2.469	4.0	96	0.00
4 M	Vinyl Chloride	2.414	2.303	4.6	96	0.00
5 M	Bromomethane	0.628	0.623	0.8	105	0.00
6 M	Chloroethane	0.637	0.751	-17.9	119	0.00
7 M	Trichlorofluoromethane	2.260	2.378	-5.2	100	0.00
8 T	Diethyl Ether	1.073	1.048	2.3	96	0.00
9	1,1,2-Trichlorotrifluoroeth	2.000	1.904	4.8	95	0.00
10 M	1,1-Dichloroethene	2.067	2.029	1.8	95	0.00
11	Methyl Iodide	2.291	1.934	15.6	85	0.00
12	Methyl Acetate	3.735	3.536	5.3	91	0.00
13 M	Acrolein	0.614	0.541	11.9	91	0.00
14 M	Acrylonitrile	1.423	1.341	5.8	93	0.00
15 M	Acetone	0.396	0.400	-1.0	92	0.00
16 M	Carbon Disulfide	6.110	5.822	4.7	97	0.00
17	Allyl chloride	4.065	3.992	1.8	92	0.00
18 M	Methylene Chloride	2.394	2.301	3.9	93	0.00
19 M	trans-1,2-Dichloroethene	2.172	2.101	3.3	98	0.00
20 T	Diisopropyl ether	7.944	7.561	4.8	91	0.00
21 M	1,1-Dichloroethane	4.245	3.913	7.8	92	0.00
22 M	cis-1,2-Dichloroethene	2.602	2.513	3.4	95	0.00
23 M	tert-Butyl Alcohol	0.617	0.579	6.2	90	-0.01
24 M	Methyl tert-Butyl Ether	7.297	6.680	8.5	91	0.00
25 M	Chloroform	3.950	3.668	7.1	94	-0.01
26	Cyclohexane	3.899	3.663	6.1	95	0.00
27 s	1,2-Dichloroethane-d4	2.428	2.311	4.8	92	-0.01
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29	1,1-Dichloropropene	0.461	0.424	8.0	93	0.00
30 M	2-Butanone	0.330	0.312	5.5	92	-0.01
31	2,2-Dichloropropane	0.572	0.530	7.3	92	0.00
32 M	1,1,1-Trichloroethane	0.555	0.508	8.5	93	0.00
33 M	Carbon Tetrachloride	0.454	0.419	7.7	94	0.00
34 M	Benzene	1.527	1.418	7.1	93	0.00
35	Methacrylonitrile	0.344	0.319	7.3	92	-0.01
36 M	1,2-Dichloroethane	0.471	0.412	12.5	89	0.00
37 M	Trichloroethene	0.344	0.322	6.4	94	0.00
38	Methylcyclohexane	0.632	0.612	3.2	98	0.00
39 M	1,2-Dichloropropane	0.379	0.346	8.7	91	0.00
40	Dibromomethane	0.255	0.240	5.9	95	0.00
41 M	Bromodichloromethane	0.508	0.466	8.3	93	0.00
42 M	Vinyl Acetate	1.499	1.475	1.6	94	0.00
43	Ethyl Acetate	0.631	0.605	4.1	100	0.00
44	Isopropyl Acetate	1.028	0.954	7.2	91	0.00
45 T	1,4-Dioxane	0.010	0.008	20.0	77	0.00
46	Methyl methacrylate	0.486	0.439	9.7	93	0.00
47	n-amyl Acetate	0.908	0.827	8.9	92	0.00
48 M	t-1,3-Dichloropropene	0.564	0.525	6.9	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.616	0.573	7.0	93	0.00
50 M	1,1,2-Trichloroethane	0.351	0.327	6.8	93	0.00
51	Ethyl methacrylate	0.666	0.614	7.8	92	0.00
52	1,3-Dichloropropane	0.616	0.584	5.2	94	0.00
53 M	Dibromochloromethane	0.381	0.354	7.1	94	0.00
54 M	1,2-Dibromoethane	0.364	0.345	5.2	95	0.00
55 M	2-Chloroethyl vinyl ether	0.305	0.264	13.4	83	0.00
56 M	Bromoform	0.266	0.246	7.5	94	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.694	0.671	3.3	93	0.00
59 M	2-Hexanone	0.542	0.524	3.3	93	0.00
60 S	4-Bromofluorobenzene	0.509	0.500	1.8	97	0.00
61 M	Tetrachloroethene	0.316	0.305	3.5	96	0.00
62 M	Toluene	1.714	1.656	3.4	95	0.00
63 S	Toluene-d8	1.378	1.394	-1.2	96	0.00
64 M	Chlorobenzene	1.051	1.008	4.1	95	0.00
65	1,1,1,2-Tetrachloroethane	0.357	0.337	5.6	95	0.00
66 M	Ethyl Benzene	1.862	1.791	3.8	95	0.00
67 M	m/p-Xylenes	0.696	0.693	0.4	97	0.00
68 M	o-Xylene	0.704	0.683	3.0	96	0.00
69 M	Styrene	1.174	1.136	3.2	95	0.00
70	Isopropylbenzene	1.748	1.699	2.8	96	0.00
71 M	1,1,2,2-Tetrachloroethane	0.647	0.613	5.3	94	0.00
72	1,2,3-Trichloropropane	0.554	0.502	9.4	94	0.00
73	Bromobenzene	0.401	0.381	5.0	95	0.00
74	n-propylbenzene	2.062	1.988	3.6	97	0.00
75	2-Chlorotoluene	1.276	1.209	5.3	95	0.00
76	1,3,5-Trimethylbenzene	1.425	1.395	2.1	96	0.00
77	t-1,4-Dichloro-2-butene	0.259	0.232	10.4	92	0.00
78	4-Chlorotoluene	1.385	1.355	2.2	98	0.00
79	tert-butylbenzene	1.452	1.437	1.0	98	0.00
80	1,2,4-Trimethylbenzene	1.453	1.393	4.1	95	0.00
81	sec-Butylbenzene	1.834	1.790	2.4	99	0.00
82	p-Isopropyltoluene	1.484	1.439	3.0	98	0.00
83 M	1,3-Dichlorobenzene	0.740	0.724	2.2	101	0.00
84 M	1,4-Dichlorobenzene	0.741	0.692	6.6	95	0.00
85	n-Butylbenzene	1.321	1.274	3.6	100	0.00
86 T	Hexachloroethane	0.310	0.286	7.7	94	0.00
87 M	1,2-Dichlorobenzene	0.736	0.715	2.9	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.151	0.130	13.9	91	0.00
89	1,2,4-Trichlorobenzene	0.435	0.410	5.7	100	0.00
90	Hexachlorobutadiene	0.162	0.158	2.5	103	0.00
91 M	Naphthalene	1.701	1.592	6.4	96	0.00
92	1,2,3-Trichlorobenzene	0.444	0.421	5.2	99	0.00

(#) = Out of Range

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