

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040830.D
 Acq On : 28 Mar 2024 17:57
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX032824

Quant Time: Mar 29 05:14:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 04:49:13 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	5.252	5.053	3.8	94	0.00
3 M	Chloromethane	4.795	4.887	-1.9	102	0.00
4 M	Vinyl Chloride	4.941	5.131	-3.8	105	0.00
5 M	Bromomethane	3.121	3.429	-9.9	95	0.00
6 M	Chloroethane	3.125	3.055	2.2	94	0.00
7 M	Trichlorofluoromethane	8.566	7.921	7.5	92	0.00
8 T	Diethyl Ether	2.671	2.567	3.9	95	0.00
9	1,1,2-Trichlorotrifluoroeth	4.792	4.547	5.1	93	0.00
10 M	1,1-Dichloroethene	4.491	4.245	5.5	93	0.00
11	Methyl Iodide	6.139	5.780	5.8	90	0.00
12	Methyl Acetate	6.448	6.265	2.8	94	0.00
13 M	Acrolein	0.706	0.657	6.9	105	0.00
14 M	Acrylonitrile	2.807	2.720	3.1	95	0.00
15 M	Acetone	0.796	0.703	11.7	81	0.00
16 M	Carbon Disulfide	12.614	12.078	4.2	96	0.00
17	Allyl chloride	8.246	7.907	4.1	97	0.00
18 M	Methylene Chloride	4.833	4.714	2.5	94	0.00
19 M	trans-1,2-Dichloroethene	4.694	4.572	2.6	97	0.00
20 T	Diisopropyl ether	16.055	15.142	5.7	95	0.00
21 M	1,1-Dichloroethane	9.063	8.824	2.6	97	0.00
22 M	cis-1,2-Dichloroethene	5.515	5.289	4.1	93	0.00
23 M	tert-Butyl Alcohol	1.302	1.292	0.8	101	0.00
24 M	Methyl tert-Butyl Ether	15.983	15.292	4.3	92	0.00
25 M	Chloroform	9.824	9.252	5.8	91	0.00
26	Cyclohexane	7.534	6.835	9.3	88	0.00
27 s	1,2-Dichloroethane-d4	5.142	4.752	7.6	89	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.837	0.789	5.7	89	0.00
30 M	2-Butanone	0.530	0.525	0.9	92	0.00
31	2,2-Dichloropropane	0.989	0.926	6.4	90	0.00
32 M	1,1,1-Trichloroethane	1.105	1.035	6.3	89	0.00
33 M	Carbon Tetrachloride	0.954	0.907	4.9	88	0.00
34 M	Benzene	2.401	2.256	6.0	87	0.00
35	Methacrylonitrile	0.561	0.551	1.8	91	0.00
36 M	1,2-Dichloroethane	1.043	0.972	6.8	87	0.00
37 M	Trichloroethene	0.593	0.571	3.7	92	0.00
38	Methylcyclohexane	0.988	0.916	7.3	91	0.00
39 M	1,2-Dichloropropane	0.571	0.540	5.4	92	0.00
40	Dibromomethane	0.473	0.459	3.0	94	0.00
41 M	Bromodichloromethane	0.960	0.960	0.0	99	0.00
42 M	Vinyl Acetate	1.958	1.911	2.4	92	0.00
43	Ethyl Acetate	1.031	1.027	0.4	91	0.00
44	Isopropyl Acetate	1.647	1.531	7.0	88	0.00
45 T	1,4-Dioxane	0.015	0.016	-6.7	97	0.00
46	Methyl methacrylate	0.793	0.798	-0.6	99	0.00
47	n-amyl Acetate	1.483	1.358	8.4	93	0.00
48 M	t-1,3-Dichloropropene	0.953	0.864	9.3	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.984	0.971	1.3	100	0.00
50 M	1,1,2-Trichloroethane	0.580	0.565	2.6	94	0.00
51	Ethyl methacrylate	1.013	0.957	5.5	96	0.00
52	1,3-Dichloropropane	0.997	0.977	2.0	96	0.00
53 M	Dibromochloromethane	0.695	0.661	4.9	93	0.00
54 M	1,2-Dibromoethane	0.642	0.608	5.3	92	0.00
55 M	2-Chloroethyl vinyl ether	0.496	0.510	-2.8	103	0.00
56 M	Bromoform	0.483	0.448	7.2	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.847	0.802	5.3	92	0.00
59 M	2-Hexanone	0.675	0.647	4.1	92	0.00
60 S	4-Bromofluorobenzene	0.655	0.662	-1.1	99	0.00
61 M	Tetrachloroethene	0.402	0.401	0.2	98	0.00
62 M	Toluene	2.029	2.005	1.2	96	0.00
63 S	Toluene-d8	1.176	1.151	2.1	93	0.00
64 M	Chlorobenzene	1.312	1.270	3.2	93	0.00
65	1,1,1,2-Tetrachloroethane	0.460	0.420	8.7	88	0.00
66 M	Ethyl Benzene	2.385	2.299	3.6	93	0.00
67 M	m/p-Xylenes	0.876	0.837	4.5	92	0.00
68 M	o-Xylene	0.825	0.767	7.0	92	0.00
69 M	Styrene	1.431	1.339	6.4	93	0.00
70	Isopropylbenzene	2.247	2.160	3.9	97	0.00
71 M	1,1,2,2-Tetrachloroethane	0.780	0.737	5.5	92	0.00
72	1,2,3-Trichloropropane	0.661	0.612	7.4	92	0.00
73	Bromobenzene	0.536	0.522	2.6	94	0.00
74	n-propylbenzene	2.805	2.725	2.9	95	0.00
75	2-Chlorotoluene	1.659	1.610	3.0	93	0.00
76	1,3,5-Trimethylbenzene	1.944	1.873	3.7	94	0.00
77	t-1,4-Dichloro-2-butene	0.263	0.221	16.0	89	0.00
78	4-Chlorotoluene	1.971	1.893	4.0	93	0.00
79	tert-butylbenzene	1.871	1.732	7.4	89	0.00
80	1,2,4-Trimethylbenzene	1.927	1.862	3.4	93	0.00
81	sec-Butylbenzene	2.399	2.309	3.8	93	0.00
82	p-Isopropyltoluene	2.032	1.903	6.3	92	0.00
83 M	1,3-Dichlorobenzene	1.040	1.014	2.5	94	0.00
84 M	1,4-Dichlorobenzene	1.072	1.025	4.4	92	0.00
85	n-Butylbenzene	2.020	1.825	9.7	90	0.00
86 T	Hexachloroethane	0.361	0.321	11.1	89	0.00
87 M	1,2-Dichlorobenzene	1.006	0.930	7.6	90	0.00
88	1,2-Dibromo-3-Chloropropane	0.201	0.195	3.0	91	0.00
89	1,2,4-Trichlorobenzene	0.702	0.675	3.8	96	0.00
90	Hexachlorobutadiene	0.263	0.271	-3.0	100	0.00
91 M	Naphthalene	2.348	2.231	5.0	94	0.00
92	1,2,3-Trichlorobenzene	0.669	0.640	4.3	93	0.00

(#) = Out of Range

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