

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100218\
 Data File : VX004920.D
 Acq On : 02 Oct 2018 15:39
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 03 08:24:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 03 04:49:12 2018
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	99	0.00
2 M	Dichlorodifluoromethane	2.336	2.264	3.1	94	0.00
3 M	Chloromethane	2.423	2.427	-0.2	98	0.00
4 M	Vinyl Chloride	2.477	2.360	4.7	94	0.00
5 M	Bromomethane	1.189	1.143	3.9	105	0.00
6 M	Chloroethane	1.422	1.374	3.4	95	0.00
7 M	Trichlorofluoromethane	3.156	3.039	3.7	96	0.00
8 T	Diethyl Ether	1.286	1.228	4.5	97	0.00
9	1,1,2-Trichlorotrifluoroeth	1.812	1.687	6.9	94	0.00
10 M	1,1-Dichloroethene	1.717	1.565	8.9	93	0.00
11	Methyl Iodide	1.398	1.136	18.7	112	0.00
12	Methyl Acetate	3.462	3.580	-3.4	101	0.00
13 M	Acrolein	0.320	0.281	12.2	92	0.00
14 M	Acrylonitrile	1.415	1.386	2.0	98	0.00
15 M	Acetone	0.473	0.432	8.7	84	0.00
16 M	Carbon Disulfide	5.035	4.641	7.8	94	0.00
17	Allyl chloride	3.817	3.654	4.3	95	0.00
18 M	Methylene Chloride	1.996	1.942	2.7	99	0.00
19 M	trans-1,2-Dichloroethene	1.834	1.707	6.9	95	0.00
20 T	Diisopropyl ether	6.509	6.191	4.9	99	0.00
21 M	1,1-Dichloroethane	3.586	3.530	1.6	98	0.00
22 M	cis-1,2-Dichloroethene	2.029	1.902	6.3	96	0.00
23 M	tert-Butyl Alcohol	0.653	0.650	0.5	96	0.00
24 M	Methyl tert-Butyl Ether	6.308	6.118	3.0	98	0.00
25 M	Chloroform	3.375	3.220	4.6	98	0.00
26	Cyclohexane	3.078	2.810	8.7	93	0.00
27 s	1,2-Dichloroethane-d4	2.280	2.253	1.2	101	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29	1,1-Dichloropropene	0.444	0.431	2.9	95	0.00
30 M	2-Butanone	0.361	0.368	-1.9	93	0.00
31	2,2-Dichloropropane	0.487	0.486	0.2	96	0.00
32 M	1,1,1-Trichloroethane	0.510	0.512	-0.4	96	0.00
33 M	Carbon Tetrachloride	0.448	0.432	3.6	94	0.00
34 M	Benzene	1.347	1.359	-0.9	96	0.00
35	Methacrylonitrile	0.335	0.349	-4.2	99	0.00
36 M	1,2-Dichloroethane	0.485	0.480	1.0	94	0.00
37 M	Trichloroethene	0.355	0.355	0.0	97	0.00
38	Methylcyclohexane	0.527	0.488	7.4	94	0.00
39 M	1,2-Dichloropropane	0.359	0.369	-2.8	99	0.00
40	Dibromomethane	0.233	0.240	-3.0	100	0.00
41 M	Bromodichloromethane	0.448	0.448	0.0	98	0.00
42 M	Vinyl Acetate	1.044	1.100	-5.4	102	0.00
43	Ethyl Acetate	0.595	0.608	-2.2	99	0.00
44	Isopropyl Acetate	0.888	0.904	-1.8	99	0.00
45 T	1,4-Dioxane	0.010	0.011#	-10.0	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.461	0.470	-2.0	99	0.00
47	n-amyl Acetate	0.820	0.779	5.0	98	0.00
48 M	t-1,3-Dichloropropene	0.513	0.501	2.3	98	0.00
49 T	cis-1,3-Dichloropropene	0.556	0.554	0.4	96	0.00
50 M	1,1,2-Trichloroethane	0.352	0.367	-4.3	100	0.00
51	Ethyl methacrylate	0.559	0.547	2.1	99	0.00
52	1,3-Dichloropropane	0.594	0.603	-1.5	97	0.00
53 M	Dibromochloromethane	0.365	0.357	2.2	98	0.00
54 M	1,2-Dibromoethane	0.367	0.373	-1.6	98	0.00
55 M	2-Chloroethyl vinyl ether	0.295	0.308	-4.4	104	0.00
56 M	Bromoform	0.305	0.290	4.9	99	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.674	0.696	-3.3	99	0.00
59 M	2-Hexanone	0.555	0.552	0.5	96	0.00
60 S	4-Bromofluorobenzene	0.499	0.486	2.6	99	0.00
61 M	Tetrachloroethene	0.365	0.369	-1.1	96	0.00
62 M	Toluene	1.577	1.578	-0.1	97	0.00
63 S	Toluene-d8	1.339	1.362	-1.7	98	0.00
64 M	Chlorobenzene	1.018	1.002	1.6	97	0.00
65	1,1,1,2-Tetrachloroethane	0.370	0.366	1.1	97	0.00
66 M	Ethyl Benzene	1.721	1.662	3.4	96	0.00
67 M	m/p-Xylenes	0.670	0.650	3.0	96	0.00
68 M	o-Xylene	0.646	0.622	3.7	97	0.00
69 M	Styrene	1.086	1.050	3.3	97	0.00
70	Isopropylbenzene	1.730	1.678	3.0	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.643	0.622	3.3	98	0.00
72	1,2,3-Trichloropropane	0.585	0.578	1.2	97	0.00
73	Bromobenzene	0.476	0.456	4.2	96	0.00
74	n-propylbenzene	2.035	1.946	4.4	95	0.00
75	2-Chlorotoluene	1.241	1.207	2.7	97	0.00
76	1,3,5-Trimethylbenzene	1.493	1.425	4.6	95	0.00
77	t-1,4-Dichloro-2-butene	0.192	0.174	9.4	101	0.00
78	4-Chlorotoluene	1.443	1.376	4.6	96	0.00
79	tert-butylbenzene	1.584	1.499	5.4	95	0.00
80	1,2,4-Trimethylbenzene	1.522	1.476	3.0	96	0.00
81	sec-Butylbenzene	1.762	1.678	4.8	96	0.00
82	p-Isopropyltoluene	1.584	1.499	5.4	95	0.00
83 M	1,3-Dichlorobenzene	0.879	0.833	5.2	96	0.00
84 M	1,4-Dichlorobenzene	0.892	0.842	5.6	96	0.00
85	n-Butylbenzene	1.439	1.317	8.5	95	0.00
86 T	Hexachloroethane	0.261	0.235	10.0	96	0.00
87 M	1,2-Dichlorobenzene	0.894	0.851	4.8	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.148	0.144	2.7	98	0.00
89	1,2,4-Trichlorobenzene	0.667	0.614	7.9	97	0.00
90	Hexachlorobutadiene	0.329	0.301	8.5	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	2.073	1.972	4.9	98	0.00
92	1,2,3-Trichlorobenzene	0.684	0.632	7.6	96	0.00

(#) = Out of Range

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