

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020819\
 Data File : VX007455.D
 Acq On : 08 Feb 2019 21:02
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 09 00:01:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 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	95	0.00
2 M	Dichlorodifluoromethane	1.347	1.172	13.0	92	0.00
3 M	Chloromethane	1.506	1.346	10.6	90	0.00
4 M	Vinyl Chloride	1.708	1.596	6.6	94	0.00
5 M	Bromomethane	1.781	1.564	12.2	88	0.00
6 M	Chloroethane	1.151	1.105	4.0	100	0.00
7 M	Trichlorofluoromethane	2.884	2.724	5.5	96	0.00
8 T	Diethyl Ether	1.090	1.055	3.2	97	0.00
9	1,1,2-Trichlorotrifluoroeth	1.704	1.588	6.8	96	0.00
10 M	1,1-Dichloroethene	1.548	1.468	5.2	96	0.00
11	Methyl Iodide	2.512	1.819	27.6	74	0.00
12	Methyl Acetate	2.637	2.665	-1.1	102	0.00
13 M	Acrolein	0.191	0.142	25.7	81	0.00
14 M	Acrylonitrile	0.987	0.966	2.1	96	0.00
15 M	Acetone	0.281	0.265	5.7	91	0.00
16 M	Carbon Disulfide	3.734	3.392	9.2	98	0.00
17	Allyl chloride	2.692	2.488	7.6	94	0.00
18 M	Methylene Chloride	1.785	1.718	3.8	95	0.00
19 M	trans-1,2-Dichloroethene	1.677	1.572	6.3	96	0.00
20 T	Diisopropyl ether	5.012	4.920	1.8	97	0.00
21 M	1,1-Dichloroethane	2.863	2.720	5.0	93	0.00
22 M	cis-1,2-Dichloroethene	1.844	1.797	2.5	98	0.00
23 M	tert-Butyl Alcohol	0.415	0.415	0.0	97	0.00
24 M	Methyl tert-Butyl Ether	5.423	5.318	1.9	99	0.00
25 M	Chloroform	2.959	2.941	0.6	98	0.00
26	Cyclohexane	2.411	2.244	6.9	95	0.00
27 s	1,2-Dichloroethane-d4	1.969	1.934	1.8	94	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
29	1,1-Dichloropropene	0.391	0.387	1.0	97	0.00
30 M	2-Butanone	0.234	0.233	0.4	94	0.00
31	2,2-Dichloropropane	0.395	0.324	18.0	83	0.00
32 M	1,1,1-Trichloroethane	0.462	0.457	1.1	99	0.00
33 M	Carbon Tetrachloride	0.406	0.393	3.2	100	0.00
34 M	Benzene	1.206	1.187	1.6	96	0.00
35	Methacrylonitrile	0.239	0.243	-1.7	100	0.00
36 M	1,2-Dichloroethane	0.416	0.402	3.4	95	0.00
37 M	Trichloroethene	0.356	0.355	0.3	98	0.00
38	Methylcyclohexane	0.496	0.461	7.1	96	0.00
39 M	1,2-Dichloropropane	0.303	0.307	-1.3	101	0.00
40	Dibromomethane	0.218	0.215	1.4	99	0.00
41 M	Bromodichloromethane	0.382	0.372	2.6	100	0.00
42 M	Vinyl Acetate	0.792	0.751	5.2	95	0.00
43	Ethyl Acetate	0.436	0.426	2.3	96	0.00
44	Isopropyl Acetate	0.681	0.668	1.9	100	0.00
45 T	1,4-Dioxane	0.008	0.008#	0.0	91	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.348	0.342	1.7	97	0.00
47	n-amyl Acetate	0.599	0.591	1.3	98	0.00
48 M	t-1,3-Dichloropropene	0.417	0.382	8.4	97	0.00
49 T	cis-1,3-Dichloropropene	0.463	0.433	6.5	95	0.00
50 M	1,1,2-Trichloroethane	0.327	0.328	-0.3	99	0.00
51	Ethyl methacrylate	0.467	0.468	-0.2	100	0.00
52	1,3-Dichloropropane	0.524	0.533	-1.7	101	0.00
53 M	Dibromochloromethane	0.331	0.322	2.7	100	0.00
54 M	1,2-Dibromoethane	0.352	0.356	-1.1	98	0.00
55 M	2-Chloroethyl vinyl ether	0.257	0.247	3.9	93	0.00
56 M	Bromoform	0.251	0.237	5.6	101	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.502	0.512	-2.0	97	0.00
59 M	2-Hexanone	0.388	0.390	-0.5	93	0.00
60 S	4-Bromofluorobenzene	0.463	0.462	0.2	93	0.00
61 M	Tetrachloroethene	0.418	0.414	1.0	91	0.00
62 M	Toluene	1.510	1.505	0.3	97	0.00
63 S	Toluene-d8	1.352	1.328	1.8	92	0.00
64 M	Chlorobenzene	0.996	1.000	-0.4	98	0.00
65	1,1,1,2-Tetrachloroethane	0.353	0.359	-1.7	102	0.00
66 M	Ethyl Benzene	1.636	1.614	1.3	96	0.00
67 M	m/p-Xylenes	0.646	0.636	1.5	96	0.00
68 M	o-Xylene	0.633	0.622	1.7	96	0.00
69 M	Styrene	1.021	1.000	2.1	97	0.00
70	Isopropylbenzene	1.676	1.673	0.2	97	0.00
71 M	1,1,2,2-Tetrachloroethane	0.536	0.545	-1.7	98	0.00
72	1,2,3-Trichloropropane	0.504	0.517	-2.6	97	0.00
73	Bromobenzene	0.464	0.454	2.2	96	0.00
74	n-propylbenzene	1.886	1.841	2.4	95	0.00
75	2-Chlorotoluene	1.118	1.118	0.0	97	0.00
76	1,3,5-Trimethylbenzene	1.399	1.343	4.0	94	0.00
77	t-1,4-Dichloro-2-butene	0.147	0.130	11.6	100	0.00
78	4-Chlorotoluene	1.302	1.249	4.1	94	0.00
79	tert-butylbenzene	1.513	1.465	3.2	96	0.00
80	1,2,4-Trimethylbenzene	1.416	1.410	0.4	96	0.00
81	sec-Butylbenzene	1.686	1.636	3.0	94	0.00
82	p-Isopropyltoluene	1.513	1.465	3.2	96	0.00
83 M	1,3-Dichlorobenzene	0.824	0.805	2.3	96	0.00
84 M	1,4-Dichlorobenzene	0.825	0.809	1.9	95	0.00
85	n-Butylbenzene	1.299	1.178	9.3	94	0.00
86 T	Hexachloroethane	0.234	0.217	7.3	99	0.00
87 M	1,2-Dichlorobenzene	0.821	0.818	0.4	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.109	0.102	6.4	96	0.00
89	1,2,4-Trichlorobenzene	0.564	0.534	5.3	96	0.00
90	Hexachlorobutadiene	0.269	0.258	4.1	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.706	1.684	1.3	98	0.00
92	1,2,3-Trichlorobenzene	0.559	0.548	2.0	97	0.00

(#) = Out of Range

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