

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX072419\
 Data File : VX011062.D
 Acq On : 24 Jul 2019 17:35
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 25 03:47:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 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	1.983	2.036	-2.7	93	0.00
3 M	Chloromethane	1.744	1.628	6.7	85	0.00
4 M	Vinyl Chloride	1.819	1.675	7.9	85	0.00
5 M	Bromomethane	1.001	1.140	-13.9	93	0.00
6 M	Chloroethane	1.076	1.066	0.9	92	0.00
7 M	Trichlorofluoromethane	3.021	3.022	-0.0	94	0.00
8 T	Diethyl Ether	0.992	1.009	-1.7	95	0.00
9	1,1,2-Trichlorotrifluoroeth	1.669	1.759	-5.4	99	0.00
10 M	1,1-Dichloroethene	1.678	1.603	4.5	90	0.00
11	Methyl Iodide	2.253	1.973	12.4	91	0.00
12	Methyl Acetate	2.356	2.379	-1.0	94	0.00
13 M	Acrolein	0.283	0.232	18.0	76	0.00
14 M	Acrylonitrile	0.922	0.932	-1.1	94	0.00
15 M	Acetone	0.257	0.295	-14.8	106	0.00
16 M	Carbon Disulfide	4.311	3.396	21.2	77	0.00
17	Allyl chloride	2.429	2.304	5.1	93	0.00
18 M	Methylene Chloride	1.868	1.850	1.0	94	0.00
19 M	trans-1,2-Dichloroethene	1.772	1.696	4.3	90	0.00
20 T	Diisopropyl ether	5.128	5.172	-0.9	97	0.00
21 M	1,1-Dichloroethane	2.951	2.934	0.6	96	0.00
22 M	cis-1,2-Dichloroethene	2.038	2.000	1.9	94	0.00
23 M	tert-Butyl Alcohol	0.482	0.425	11.8	85	0.00
24 M	Methyl tert-Butyl Ether	5.386	5.444	-1.1	97	0.00
25 M	Chloroform	3.232	3.193	1.2	96	0.00
26	Cyclohexane	2.700	2.524	6.5	89	0.00
27 s	1,2-Dichloroethane-d4	2.034	1.996	1.9	95	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.422	0.401	5.0	91	0.00
30 M	2-Butanone	0.228	0.231	-1.3	97	0.00
31	2,2-Dichloropropane	0.368	0.433	-17.7	117	0.00
32 M	1,1,1-Trichloroethane	0.509	0.495	2.8	96	0.00
33 M	Carbon Tetrachloride	0.442	0.426	3.6	98	0.00
34 M	Benzene	1.266	1.250	1.3	94	0.00
35	Methacrylonitrile	0.237	0.239	-0.8	100	0.00
36 M	1,2-Dichloroethane	0.453	0.453	0.0	98	0.00
37 M	Trichloroethene	0.371	0.361	2.7	95	0.00
38	Methylcyclohexane	0.532	0.501	5.8	90	0.00
39 M	1,2-Dichloropropane	0.316	0.308	2.5	94	0.00
40	Dibromomethane	0.233	0.233	0.0	97	0.00
41 M	Bromodichloromethane	0.423	0.411	2.8	99	0.00
42 M	Vinyl Acetate	0.750	0.748	0.3	97	0.00
43	Ethyl Acetate	0.437	0.417	4.6	93	0.00
44	Isopropyl Acetate	0.712	0.690	3.1	95	0.00
45 T	1,4-Dioxane	0.009	0.009#	0.0	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.346	0.341	1.4	97	0.00
47	n-amyl Acetate	0.639	0.623	2.5	97	0.00
48 M	t-1,3-Dichloropropene	0.446	0.432	3.1	101	0.00
49 T	cis-1,3-Dichloropropene	0.487	0.489	-0.4	101	0.00
50 M	1,1,2-Trichloroethane	0.341	0.351	-2.9	100	0.00
51	Ethyl methacrylate	0.527	0.507	3.8	96	0.00
52	1,3-Dichloropropane	0.547	0.549	-0.4	96	0.00
53 M	Dibromochloromethane	0.368	0.346	6.0	97	0.00
54 M	1,2-Dibromoethane	0.370	0.366	1.1	97	0.00
55 M	2-Chloroethyl vinyl ether	0.223	0.220	1.3	95	0.00
56 M	Bromoform	0.274	0.251	8.4	98	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.507	0.511	-0.8	95	0.00
59 M	2-Hexanone	0.388	0.399	-2.8	97	0.00
60 S	4-Bromofluorobenzene	0.494	0.496	-0.4	99	0.00
61 M	Tetrachloroethene	0.396	0.416	-5.1	97	0.00
62 M	Toluene	1.594	1.609	-0.9	95	0.00
63 S	Toluene-d8	1.319	1.334	-1.1	94	0.00
64 M	Chlorobenzene	1.021	1.041	-2.0	97	0.00
65	1,1,1,2-Tetrachloroethane	0.371	0.373	-0.5	98	0.00
66 M	Ethyl Benzene	1.794	1.794	0.0	95	0.00
67 M	m/p-Xylenes	0.686	0.692	-0.9	94	0.00
68 M	o-Xylene	0.673	0.669	0.6	95	0.00
69 M	Styrene	1.131	1.137	-0.5	97	0.00
70	Isopropylbenzene	1.791	1.833	-2.3	98	0.00
71 M	1,1,2,2-Tetrachloroethane	0.578	0.597	-3.3	99	0.00
72	1,2,3-Trichloropropane	0.482	0.500	-3.7	101	0.00
73	Bromobenzene	0.483	0.492	-1.9	98	0.00
74	n-propylbenzene	2.016	2.062	-2.3	99	0.00
75	2-Chlorotoluene	1.201	1.222	-1.7	99	0.00
76	1,3,5-Trimethylbenzene	1.516	1.527	-0.7	96	0.00
77	t-1,4-Dichloro-2-butene	0.159	0.160	-0.6	112	0.00
78	4-Chlorotoluene	1.379	1.407	-2.0	100	0.00
79	tert-butylbenzene	1.470	1.510	-2.7	100	0.00
80	1,2,4-Trimethylbenzene	1.527	1.541	-0.9	97	0.00
81	sec-Butylbenzene	1.733	1.816	-4.8	101	0.00
82	p-Isopropyltoluene	1.608	1.656	-3.0	99	0.00
83 M	1,3-Dichlorobenzene	0.853	0.859	-0.7	98	0.00
84 M	1,4-Dichlorobenzene	0.848	0.862	-1.7	98	0.00
85	n-Butylbenzene	1.370	1.388	-1.3	99	0.00
86 T	Hexachloroethane	0.254	0.242	4.7	101	0.00
87 M	1,2-Dichlorobenzene	0.835	0.877	-5.0	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.127	0.123	3.1	97	0.00
89	1,2,4-Trichlorobenzene	0.576	0.585	-1.6	99	0.00
90	Hexachlorobutadiene	0.279	0.296	-6.1	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.758	1.802	-2.5	96	0.00
92	1,2,3-Trichlorobenzene	0.577	0.610	-5.7	101	0.00

(#) = Out of Range

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