

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX070618\
 Data File : VX003210.D
 Acq On : 06 Jul 2018 12:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 06 12:31:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 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	114	0.00
2 M	Dichlorodifluoromethane	1.432	1.276	10.9	103	0.00
3 M	Chloromethane	1.554	1.260	18.9	90	0.00
4 M	Vinyl Chloride	1.732	1.433	17.3	93	0.00
5 M	Bromomethane	1.012	0.603	40.4#	68	0.00
6 M	Chloroethane	1.165	0.945	18.9	90	0.01
7 M	Trichlorofluoromethane	3.079	2.447	20.5	88	0.00
8 T	Diethyl Ether	1.098	0.999	9.0	102	0.00
9	1,1,2-Trichlorotrifluoroeth	1.762	1.486	15.7	96	0.00
10 M	1,1-Dichloroethene	1.551	1.299	16.2	94	0.00
11	Methyl Iodide	1.786	1.400	21.6	107	0.00
12	Methyl Acetate	2.517	2.751	-9.3	117	0.00
13 M	Acrolein	0.179	0.044#	75.4#	33	0.00
14 M	Acrylonitrile	0.947	0.907	4.2	106	0.00
15 M	Acetone	0.263	0.239	9.1	96	-0.01
16 M	Carbon Disulfide	3.883	2.893	25.5	88	0.00
17	Allyl chloride	3.086	2.539	17.7	92	0.00
18 M	Methylene Chloride	1.775	1.757	1.0	111	0.00
19 M	trans-1,2-Dichloroethene	1.663	1.387	16.6	94	0.00
20 T	Diisopropyl ether	5.751	5.333	7.3	107	0.00
21 M	1,1-Dichloroethane	3.092	2.834	8.3	96	0.00
22 M	cis-1,2-Dichloroethene	1.788	1.783	0.3	112	0.00
23 M	tert-Butyl Alcohol	0.430	0.427	0.7	106	-0.02
24 M	Methyl tert-Butyl Ether	5.791	5.179	10.6	100	0.00
25 M	Chloroform	3.103	3.090	0.4	110	0.00
26	Cyclohexane	2.627	2.328	11.4	100	0.00
27 s	1,2-Dichloroethane-d4	2.291	2.199	4.0	110	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
29	1,1-Dichloropropene	0.405	0.384	5.2	103	0.00
30 M	2-Butanone	0.232	0.254	-9.5	117	0.00
31	2,2-Dichloropropane	0.433	0.421	2.8	105	0.00
32 M	1,1,1-Trichloroethane	0.489	0.488	0.2	108	0.00
33 M	Carbon Tetrachloride	0.440	0.430	2.3	110	0.00
34 M	Benzene	1.200	1.202	-0.2	108	0.00
35	Methacrylonitrile	0.252	0.272	-7.9	114	0.00
36 M	1,2-Dichloroethane	0.471	0.469	0.4	107	0.00
37 M	Trichloroethene	0.351	0.353	-0.6	110	0.00
38	Methylcyclohexane	0.493	0.438	11.2	99	0.00
39 M	1,2-Dichloropropane	0.313	0.315	-0.6	107	0.00
40	Dibromomethane	0.217	0.221	-1.8	110	0.00
41 M	Bromodichloromethane	0.408	0.409	-0.2	112	0.00
42 M	Vinyl Acetate	0.879	0.812	7.6	102	0.00
43	Ethyl Acetate	0.443	0.460	-3.8	110	0.00
44	Isopropyl Acetate	0.743	0.748	-0.7	110	0.00
45 T	1,4-Dioxane	0.007	0.009#	-28.6	123	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.380	0.388	-2.1	110	0.00
47	n-amyl Acetate	0.701	0.638	9.0	104	0.00
48 M	t-1,3-Dichloropropene	0.480	0.469	2.3	109	0.00
49 T	cis-1,3-Dichloropropene	0.448	0.440	1.8	114	0.00
50 M	1,1,2-Trichloroethane	0.321	0.343	-6.9	117	0.00
51	Ethyl methacrylate	0.484	0.481	0.6	111	0.00
52	1,3-Dichloropropane	0.524	0.548	-4.6	113	0.00
53 M	Dibromochloromethane	0.340	0.343	-0.9	118	0.00
54 M	1,2-Dibromoethane	0.338	0.342	-1.2	111	0.00
55 M	2-Chloroethyl vinyl ether	0.230	0.227	1.3	109	0.00
56 M	Bromoform	0.272	0.264	2.9	118	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
58 M	4-Methyl-2-Pentanone	0.509	0.533	-4.7	115	0.00
59 M	2-Hexanone	0.389	0.403	-3.6	114	0.00
60 S	4-Bromofluorobenzene	0.495	0.486	1.8	115	0.00
61 M	Tetrachloroethene	0.412	0.419	-1.7	113	0.00
62 M	Toluene	1.446	1.406	2.8	107	0.00
63 S	Toluene-d8	1.310	1.255	4.2	107	0.00
64 M	Chlorobenzene	0.961	0.966	-0.5	112	0.00
65	1,1,1,2-Tetrachloroethane	0.352	0.361	-2.6	116	0.00
66 M	Ethyl Benzene	1.629	1.545	5.2	105	0.00
67 M	m/p-Xylenes	0.633	0.601	5.1	107	0.00
68 M	o-Xylene	0.617	0.588	4.7	108	0.00
69 M	Styrene	1.029	0.991	3.7	111	0.00
70	Isopropylbenzene	1.700	1.614	5.1	107	0.00
71 M	1,1,2,2-Tetrachloroethane	0.508	0.520	-2.4	114	0.00
72	1,2,3-Trichloropropane	0.441	0.595	-34.9#	148	0.00
73	Bromobenzene	0.473	0.464	1.9	112	0.00
74	n-propylbenzene	1.974	1.835	7.0	105	0.00
75	2-Chlorotoluene	1.149	1.108	3.6	109	0.00
76	1,3,5-Trimethylbenzene	1.444	1.355	6.2	107	0.00
77	t-1,4-Dichloro-2-butene	0.142	0.127	10.6	108	0.00
78	4-Chlorotoluene	1.361	1.295	4.8	111	0.00
79	tert-butylbenzene	1.592	1.454	8.7	104	0.00
80	1,2,4-Trimethylbenzene	1.474	1.380	6.4	106	0.00
81	sec-Butylbenzene	1.766	1.612	8.7	104	0.00
82	p-Isopropyltoluene	1.592	1.454	8.7	104	0.00
83 M	1,3-Dichlorobenzene	0.870	0.849	2.4	112	0.00
84 M	1,4-Dichlorobenzene	0.879	0.855	2.7	113	0.00
85	n-Butylbenzene	1.411	1.213	14.0	102	0.00
86 T	Hexachloroethane	0.241	0.210	12.9	106	0.00
87 M	1,2-Dichlorobenzene	0.879	0.875	0.5	114	0.00
88	1,2-Dibromo-3-Chloropropane	0.114	0.112	1.8	119	0.00
89	1,2,4-Trichlorobenzene	0.663	0.639	3.6	111	0.00
90	Hexachlorobutadiene	0.345	0.311	9.9	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.758	1.737	1.2	113	0.00
92	1,2,3-Trichlorobenzene	0.660	0.650	1.5	114	0.00

(#) = Out of Range

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