

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072018\
 Data File : VX003498.D
 Acq On : 20 Jul 2018 09:20
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 20 11:45:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 13:28:20 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	112	-0.01
2 M	Dichlorodifluoromethane	2.277	1.377	39.5#	62	0.00
3 M	Chloromethane	2.262	1.699	24.9	78	0.00
4 M	Vinyl Chloride	2.466	1.897	23.1	81	0.00
5 M	Bromomethane	1.022	1.156	-13.1	117	0.00
6 M	Chloroethane	1.470	1.203	18.2	88	0.00
7 M	Trichlorofluoromethane	3.285	2.586	21.3	83	0.00
8 T	Diethyl Ether	1.344	1.149	14.5	94	0.00
9	1,1,2-Trichlorotrifluoroeth	2.011	1.728	14.1	94	0.00
10 M	1,1-Dichloroethene	1.866	1.609	13.8	94	0.00
11	Methyl Iodide	1.975	1.622	17.9	115	0.00
12	Methyl Acetate	3.030	2.236	26.2	76	-0.01
13 M	Acrolein	0.235	0.154	34.5#	74	-0.01
14 M	Acrylonitrile	1.140	0.942	17.4	90	-0.01
15 M	Acetone	0.299	0.262	12.4	95	-0.01
16 M	Carbon Disulfide	5.330	4.331	18.7	93	0.00
17	Allyl chloride	3.550	2.990	15.8	92	0.00
18 M	Methylene Chloride	2.190	1.856	15.3	95	-0.01
19 M	trans-1,2-Dichloroethene	2.012	1.723	14.4	96	0.00
20 T	Diisopropyl ether	6.414	5.661	11.7	93	-0.01
21 M	1,1-Dichloroethane	3.761	3.139	16.5	89	0.00
22 M	cis-1,2-Dichloroethene	2.140	1.884	12.0	104	0.00
23 M	tert-Butyl Alcohol	0.473	0.377	20.3	84	-0.02
24 M	Methyl tert-Butyl Ether	6.232	5.425	12.9	96	-0.02
25 M	Chloroform	3.387	3.041	10.2	100	0.00
26	Cyclohexane	2.936	2.589	11.8	100	0.00
27 s	1,2-Dichloroethane-d4	2.049	2.045	0.2	106	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
29	1,1-Dichloropropene	0.473	0.455	3.8	100	0.00
30 M	2-Butanone	0.264	0.243	8.0	94	-0.01
31	2,2-Dichloropropane	0.511	0.500	2.2	108	0.00
32 M	1,1,1-Trichloroethane	0.536	0.530	1.1	103	0.00
33 M	Carbon Tetrachloride	0.470	0.447	4.9	98	-0.01
34 M	Benzene	1.393	1.376	1.2	99	0.00
35	Methacrylonitrile	0.280	0.257	8.2	94	-0.01
36 M	1,2-Dichloroethane	0.484	0.469	3.1	96	0.00
37 M	Trichloroethene	0.385	0.376	2.3	98	0.00
38	Methylcyclohexane	0.535	0.502	6.2	97	0.00
39 M	1,2-Dichloropropane	0.360	0.332	7.8	92	0.00
40	Dibromomethane	0.236	0.219	7.2	92	0.00
41 M	Bromodichloromethane	0.442	0.397	10.2	91	0.00
42 M	Vinyl Acetate	1.015	0.942	7.2	91	0.00
43	Ethyl Acetate	0.502	0.459	8.6	95	-0.02
44	Isopropyl Acetate	0.769	0.683	11.2	89	-0.02
45 T	1,4-Dioxane	0.008	0.007#	12.5	83	-0.01

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Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.398	0.335	15.8	84	0.00
47	n-amyl Acetate	0.663	0.500	24.6	78	0.00
48 M	t-1,3-Dichloropropene	0.538	0.493	8.4	94	0.00
49 T	cis-1,3-Dichloropropene	0.487	0.446	8.4	95	0.00
50 M	1,1,2-Trichloroethane	0.356	0.339	4.8	95	0.00
51	Ethyl methacrylate	0.520	0.455	12.5	91	0.00
52	1,3-Dichloropropane	0.586	0.548	6.5	92	0.00
53 M	Dibromochloromethane	0.356	0.324	9.0	94	0.00
54 M	1,2-Dibromoethane	0.370	0.344	7.0	93	0.00
55 M	2-Chloroethyl vinyl ether	0.245	0.233	4.9	90	0.00
56 M	Bromoform	0.272	0.250	8.1	98	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	0.534	0.440	17.6	84	0.00
59 M	2-Hexanone	0.409	0.331	19.1	82	0.00
60 S	4-Bromofluorobenzene	0.482	0.484	-0.4	108	0.00
61 M	Tetrachloroethene	0.459	0.459	0.0	103	0.00
62 M	Toluene	1.637	1.470	10.2	94	0.00
63 S	Toluene-d8	1.326	1.322	0.3	104	0.00
64 M	Chlorobenzene	1.084	0.980	9.6	97	0.00
65	1,1,1,2-Tetrachloroethane	0.384	0.342	10.9	96	0.00
66 M	Ethyl Benzene	1.809	1.603	11.4	96	0.00
67 M	m/p-Xylenes	0.704	0.628	10.8	96	0.00
68 M	o-Xylene	0.677	0.600	11.4	95	0.00
69 M	Styrene	1.126	1.003	10.9	97	0.00
70	Isopropylbenzene	1.795	1.614	10.1	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.563	0.469	16.7	86	0.00
72	1,2,3-Trichloropropane	0.659	0.420	36.3#	67	0.00
73	Bromobenzene	0.499	0.450	9.8	97	0.00
74	n-propylbenzene	2.091	1.867	10.7	95	0.00
75	2-Chlorotoluene	1.251	1.106	11.6	93	0.00
76	1,3,5-Trimethylbenzene	1.519	1.356	10.7	96	0.00
77	t-1,4-Dichloro-2-butene	0.157	0.125	20.4	90	0.00
78	4-Chlorotoluene	1.461	1.273	12.9	94	0.00
79	tert-butylbenzene	1.609	1.430	11.1	96	0.00
80	1,2,4-Trimethylbenzene	1.544	1.373	11.1	94	0.00
81	sec-Butylbenzene	1.797	1.598	11.1	96	0.00
82	p-Isopropyltoluene	1.609	1.430	11.1	96	0.00
83 M	1,3-Dichlorobenzene	0.925	0.824	10.9	98	0.00
84 M	1,4-Dichlorobenzene	0.933	0.833	10.7	95	0.00
85	n-Butylbenzene	1.413	1.216	13.9	94	0.00
86 T	Hexachloroethane	0.237	0.191	19.4	94	0.00
87 M	1,2-Dichlorobenzene	0.924	0.820	11.3	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.117	0.086	26.5	76	0.00
89	1,2,4-Trichlorobenzene	0.664	0.572	13.9	89	0.00
90	Hexachlorobutadiene	0.325	0.284	12.6	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.914	1.554	18.8	81	0.00
92	1,2,3-Trichlorobenzene	0.673	0.576	14.4	87	0.00

(#) = Out of Range

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