

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071218\
 Data File : VX003358.D
 Acq On : 12 Jul 2018 18:15
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Quant Time: Jul 12 19:16:30 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	103	-0.01
2 M	Dichlorodifluoromethane	2.277	2.213	2.8	92	0.00
3 M	Chloromethane	2.262	2.058	9.0	87	0.00
4 M	Vinyl Chloride	2.466	2.275	7.7	89	0.00
5 M	Bromomethane	1.022	1.063	-4.0	99	0.00
6 M	Chloroethane	1.470	1.288	12.4	86	0.00
7 M	Trichlorofluoromethane	3.285	3.002	8.6	88	0.00
8 T	Diethyl Ether	1.344	1.216	9.5	91	0.00
9	1,1,2-Trichlorotrifluoroeth	2.011	1.810	10.0	91	0.00
10 M	1,1-Dichloroethene	1.866	1.685	9.7	90	0.00
11	Methyl Iodide	1.975	1.729	12.5	113	0.00
12	Methyl Acetate	3.030	2.831	6.6	88	0.00
13 M	Acrolein	0.235	0.202	14.0	89	0.00
14 M	Acrylonitrile	1.140	1.013	11.1	88	0.00
15 M	Acetone	0.299	0.262	12.4	87	0.00
16 M	Carbon Disulfide	5.330	4.614	13.4	91	0.00
17	Allyl chloride	3.550	3.030	14.6	86	0.00
18 M	Methylene Chloride	2.190	1.913	12.6	90	0.00
19 M	trans-1,2-Dichloroethene	2.012	1.815	9.8	93	0.00
20 T	Diisopropyl ether	6.414	5.634	12.2	85	0.00
21 M	1,1-Dichloroethane	3.761	3.352	10.9	88	0.00
22 M	cis-1,2-Dichloroethene	2.140	2.004	6.4	102	0.00
23 M	tert-Butyl Alcohol	0.473	0.383	19.0	78	0.00
24 M	Methyl tert-Butyl Ether	6.232	5.566	10.7	91	0.00
25 M	Chloroform	3.387	3.227	4.7	97	0.00
26	Cyclohexane	2.936	2.828	3.7	100	0.00
27 s	1,2-Dichloroethane-d4	2.049	2.015	1.7	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29	1,1-Dichloropropene	0.473	0.441	6.8	99	0.00
30 M	2-Butanone	0.264	0.231	12.5	92	0.00
31	2,2-Dichloropropane	0.511	0.379	25.8	84	0.00
32 M	1,1,1-Trichloroethane	0.536	0.490	8.6	98	0.00
33 M	Carbon Tetrachloride	0.470	0.433	7.9	98	0.00
34 M	Benzene	1.393	1.345	3.4	99	0.00
35	Methacrylonitrile	0.280	0.257	8.2	96	0.00
36 M	1,2-Dichloroethane	0.484	0.004#	99.2#	1#	-0.08
37 M	Trichloroethene	0.385	0.380	1.3	102	0.00
38	Methylcyclohexane	0.535	0.496	7.3	99	0.00
39 M	1,2-Dichloropropane	0.360	0.343	4.7	98	0.00
40	Dibromomethane	0.236	0.224	5.1	97	0.00
41 M	Bromodichloromethane	0.442	0.401	9.3	95	0.00
42 M	Vinyl Acetate	1.015	0.864	14.9	86	0.00
43	Ethyl Acetate	0.502	0.458	8.8	98	0.00
44	Isopropyl Acetate	0.769	0.714	7.2	96	0.00
45 T	1,4-Dioxane	0.008	0.007#	12.5	85	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.398	0.361	9.3	94	0.00
47	n-amyl Acetate	0.663	0.585	11.8	94	0.00
48 M	t-1,3-Dichloropropene	0.538	0.485	9.9	95	0.00
49 T	cis-1,3-Dichloropropene	0.487	0.427	12.3	93	0.00
50 M	1,1,2-Trichloroethane	0.356	0.344	3.4	99	0.00
51	Ethyl methacrylate	0.520	0.485	6.7	100	0.00
52	1,3-Dichloropropane	0.586	0.561	4.3	97	0.00
53 M	Dibromochloromethane	0.356	0.326	8.4	97	0.00
54 M	1,2-Dibromoethane	0.370	0.352	4.9	97	0.00
55 M	2-Chloroethyl vinyl ether	0.245	0.250	-2.0	100	0.00
56 M	Bromoform	0.272	0.247	9.2	100	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	0.534	0.513	3.9	93	0.00
59 M	2-Hexanone	0.409	0.385	5.9	90	0.00
60 S	4-Bromofluorobenzene	0.482	0.476	1.2	101	0.00
61 M	Tetrachloroethene	0.459	0.484	-5.4	103	0.00
62 M	Toluene	1.637	1.638	-0.1	99	0.00
63 S	Toluene-d8	1.326	1.348	-1.7	100	0.00
64 M	Chlorobenzene	1.084	1.057	2.5	100	0.00
65	1,1,1,2-Tetrachloroethane	0.384	0.372	3.1	99	0.00
66 M	Ethyl Benzene	1.809	1.754	3.0	99	0.00
67 M	m/p-Xylenes	0.704	0.687	2.4	100	0.00
68 M	o-Xylene	0.677	0.659	2.7	99	0.00
69 M	Styrene	1.126	1.083	3.8	100	0.00
70	Isopropylbenzene	1.795	1.776	1.1	99	0.00
71 M	1,1,2,2-Tetrachloroethane	0.563	0.555	1.4	97	0.00
72	1,2,3-Trichloropropane	0.659	0.480	27.2	73	0.00
73	Bromobenzene	0.499	0.487	2.4	99	0.00
74	n-propylbenzene	2.091	2.013	3.7	97	0.00
75	2-Chlorotoluene	1.251	1.213	3.0	97	0.00
76	1,3,5-Trimethylbenzene	1.519	1.464	3.6	98	0.00
77	t-1,4-Dichloro-2-butene	0.157	0.135	14.0	92	0.00
78	4-Chlorotoluene	1.461	1.389	4.9	97	0.00
79	tert-butylbenzene	1.609	1.514	5.9	96	0.00
80	1,2,4-Trimethylbenzene	1.544	1.506	2.5	98	0.00
81	sec-Butylbenzene	1.797	1.729	3.8	99	0.00
82	p-Isopropyltoluene	1.609	1.514	5.9	96	0.00
83 M	1,3-Dichlorobenzene	0.925	0.876	5.3	98	0.00
84 M	1,4-Dichlorobenzene	0.933	0.888	4.8	96	0.00
85	n-Butylbenzene	1.413	1.270	10.1	93	0.00
86 T	Hexachloroethane	0.237	0.199	16.0	93	0.00
87 M	1,2-Dichlorobenzene	0.924	0.884	4.3	95	0.00
88	1,2-Dibromo-3-Chloropropane	0.117	0.104	11.1	86	0.00
89	1,2,4-Trichlorobenzene	0.664	0.605	8.9	90	0.00
90	Hexachlorobutadiene	0.325	0.289	11.1	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.914	1.797	6.1	89	0.00
92	1,2,3-Trichlorobenzene	0.673	0.627	6.8	89	0.00

(#) = Out of Range

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