

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092518\
 Data File : VN051486.D
 Acq On : 25 Sep 2018 15:44
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 26 03:35:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 26 01:19:41 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	99	0.00
2 M	Dichlorodifluoromethane	1.458	1.109	23.9	86	0.00
3 M	Chloromethane	2.537	2.174	14.3	94	0.00
4 M	Vinyl Chloride	2.728	2.252	17.4	89	0.00
5 M	Bromomethane	1.774	1.560	12.1	96	0.00
6 M	Chloroethane	1.691	1.507	10.9	93	0.00
7 M	Trichlorofluoromethane	3.569	2.879	19.3	85	0.00
8 T	Diethyl Ether	1.058	1.039	1.8	114	0.00
9	1,1,2-Trichlorotrifluoroeth	1.803	1.592	11.7	95	0.00
10 M	1,1-Dichloroethene	1.648	1.489	9.6	98	0.00
11	Methyl Iodide	2.460	2.127	13.5	90	0.00
12	Methyl Acetate	1.438	1.483	-3.1	116	0.00
13 M	Acrolein	0.196	0.198	-1.0	111	0.00
14 M	Acrylonitrile	0.589	0.581	1.4	110	0.00
15 M	Acetone	0.144	0.140	2.8	108	0.00
16 M	Carbon Disulfide	5.196	4.400	15.3	93	0.00
17	Allyl chloride	2.890	2.667	7.7	105	0.00
18 M	Methylene Chloride	1.972	1.902	3.5	101	0.00
19 M	trans-1,2-Dichloroethene	1.794	1.628	9.3	96	0.00
20 T	Diisopropyl ether	5.880	5.916	-0.6	105	0.00
21 M	1,1-Dichloroethane	3.506	3.337	4.8	99	0.00
22 M	cis-1,2-Dichloroethene	2.014	1.914	5.0	101	0.00
23 M	tert-Butyl Alcohol	0.110	0.116	-5.5	126	0.00
24 M	Methyl tert-Butyl Ether	4.493	4.435	1.3	112	0.00
25 M	Chloroform	3.508	3.355	4.4	97	0.00
26	Cyclohexane	2.980	2.619	12.1	96	0.00
27 s	1,2-Dichloroethane-d4	2.053	2.106	-2.6	100	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29	1,1-Dichloropropene	0.498	0.450	9.6	93	0.00
30 M	2-Butanone	0.127	0.127	0.0	110	0.00
31	2,2-Dichloropropane	0.531	0.483	9.0	91	0.00
32 M	1,1,1-Trichloroethane	0.569	0.529	7.0	93	0.00
33 M	Carbon Tetrachloride	0.519	0.477	8.1	94	0.00
34 M	Benzene	1.482	1.422	4.0	96	0.00
35	Methacrylonitrile	0.160	0.133	16.9	91	0.00
36 M	1,2-Dichloroethane	0.478	0.474	0.8	101	0.00
37 M	Trichloroethene	0.391	0.359	8.2	94	0.00
38	Methylcyclohexane	0.570	0.498	12.6	97	0.00
39 M	1,2-Dichloropropane	0.403	0.400	0.7	99	0.00
40	Dibromomethane	0.229	0.227	0.9	98	0.00
41 M	Bromodichloromethane	0.503	0.487	3.2	97	0.00
42 M	Vinyl Acetate	0.712	0.727	-2.1	111	0.00
43	Ethyl Acetate	0.267	0.305	-14.2	117	0.00
44	Isopropyl Acetate	0.511	0.529	-3.5	112	0.00
45 T	1,4-Dioxane	0.003	0.003#	0.0	113	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.253	0.259	-2.4	112	0.00
47	n-amyl Acetate	0.406	0.375	7.6	109	0.00
48 M	t-1,3-Dichloropropene	0.495	0.470	5.1	103	0.00
49 T	cis-1,3-Dichloropropene	0.579	0.564	2.6	101	0.00
50 M	1,1,2-Trichloroethane	0.327	0.328	-0.3	100	0.00
51	Ethyl methacrylate	0.383	0.372	2.9	109	0.00
52	1,3-Dichloropropane	0.552	0.551	0.2	102	0.00
53 M	Dibromochloromethane	0.376	0.367	2.4	99	0.00
54 M	1,2-Dibromoethane	0.314	0.307	2.2	102	0.00
55 M	2-Chloroethyl vinyl ether	0.191	0.189	1.0	109	0.00
56 M	Bromoform	0.252	0.239	5.2	99	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	0.310	0.333	-7.4	110	0.00
59 M	2-Hexanone	0.202	0.203	-0.5	109	0.00
60 S	4-Bromofluorobenzene	0.453	0.449	0.9	97	0.00
61 M	Tetrachloroethene	0.411	0.393	4.4	93	0.00
62 M	Toluene	1.811	1.713	5.4	94	0.00
63 S	Toluene-d8	1.437	1.448	-0.8	94	0.00
64 M	Chlorobenzene	1.108	1.054	4.9	96	0.00
65	1,1,1,2-Tetrachloroethane	0.429	0.413	3.7	95	0.00
66 M	Ethyl Benzene	1.861	1.715	7.8	96	0.00
67 M	m/p-Xylenes	0.724	0.665	8.1	93	0.00
68 M	o-Xylene	0.688	0.646	6.1	96	0.00
69 M	Styrene	1.089	1.011	7.2	95	0.00
70	Isopropylbenzene	1.843	1.713	7.1	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.427	0.441	-3.3	106	0.00
72	1,2,3-Trichloropropane	0.370	0.393	-6.2	108	0.00
73	Bromobenzene	0.460	0.426	7.4	96	0.00
74	n-propylbenzene	2.134	1.907	10.6	93	0.00
75	2-Chlorotoluene	1.262	1.183	6.3	95	0.00
76	1,3,5-Trimethylbenzene	1.525	1.429	6.3	94	0.00
77	t-1,4-Dichloro-2-butene	0.115	0.107	7.0	107	0.00
78	4-Chlorotoluene	1.254	1.150	8.3	94	0.00
79	tert-butylbenzene	1.320	1.213	8.1	94	0.00
80	1,2,4-Trimethylbenzene	1.538	1.442	6.2	95	0.00
81	sec-Butylbenzene	1.820	1.657	9.0	94	0.00
82	p-Isopropyltoluene	1.572	1.424	9.4	94	0.00
83 M	1,3-Dichlorobenzene	0.807	0.736	8.8	96	0.00
84 M	1,4-Dichlorobenzene	0.759	0.684	9.9	97	0.00
85	n-Butylbenzene	1.274	1.072	15.9	95	0.00
86 T	Hexachloroethane	0.312	0.281	9.9	91	0.00
87 M	1,2-Dichlorobenzene	0.773	0.730	5.6	96	0.00
88	1,2-Dibromo-3-Chloropropane	0.063	0.062	1.6	111	0.00
89	1,2,4-Trichlorobenzene	0.374	0.313	16.3	110	0.00
90	Hexachlorobutadiene	0.294	0.271	7.8	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.686	0.541	21.1	124	0.00
92	1,2,3-Trichlorobenzene	0.377	0.321	14.9	110	0.00

(#) = Out of Range

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