

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN110818\
 Data File : VN052222.D
 Acq On : 8 Nov 2018 16:09
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 08 16:29:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 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	2.004	1.993	0.5	96	0.00
3 M	Chloromethane	2.290	2.239	2.2	93	0.00
4 M	Vinyl Chloride	2.246	2.113	5.9	88	0.00
5 M	Bromomethane	1.533	1.423	7.2	91	0.00
6 M	Chloroethane	1.436	1.301	9.4	88	0.00
7 M	Trichlorofluoromethane	3.042	3.078	-1.2	99	0.00
8 T	Diethyl Ether	1.027	0.922	10.2	86	0.00
9	1,1,2-Trichlorotrifluoroeth	1.778	1.760	1.0	98	0.00
10 M	1,1-Dichloroethene	1.659	1.634	1.5	99	0.00
11	Methyl Iodide	2.399	2.313	3.6	101	0.00
12	Methyl Acetate	1.396	1.368	2.0	96	0.00
13 M	Acrolein	0.148	0.110	25.7	74	0.00
14 M	Acrylonitrile	0.619	0.561	9.4	87	0.00
15 M	Acetone	0.146	0.144	1.4	92	0.00
16 M	Carbon Disulfide	4.899	4.436	9.5	92	0.00
17	Allyl chloride	2.817	2.607	7.5	92	0.00
18 M	Methylene Chloride	2.048	1.890	7.7	91	0.00
19 M	trans-1,2-Dichloroethene	1.818	1.782	2.0	97	0.00
20 T	Diisopropyl ether	6.121	6.050	1.2	96	0.00
21 M	1,1-Dichloroethane	3.577	3.534	1.2	95	0.00
22 M	cis-1,2-Dichloroethene	2.123	2.035	4.1	93	0.00
23 M	tert-Butyl Alcohol	0.096	0.088	8.3	76	0.00
24 M	Methyl tert-Butyl Ether	4.703	4.327	8.0	88	0.00
25 M	Chloroform	3.592	3.463	3.6	93	0.00
26	Cyclohexane	3.207	3.155	1.6	98	0.00
27 s	1,2-Dichloroethane-d4	2.227	2.198	1.3	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29	1,1-Dichloropropene	0.476	0.429	9.9	91	0.00
30 M	2-Butanone	0.127	0.117	7.9	89	0.00
31	2,2-Dichloropropane	0.491	0.445	9.4	93	0.00
32 M	1,1,1-Trichloroethane	0.533	0.484	9.2	94	0.00
33 M	Carbon Tetrachloride	0.474	0.441	7.0	98	0.00
34 M	Benzene	1.395	1.326	4.9	97	0.00
35	Methacrylonitrile	0.174	0.209	-20.1	113	0.00
36 M	1,2-Dichloroethane	0.466	0.409	12.2	90	0.00
37 M	Trichloroethene	0.349	0.328	6.0	101	0.00
38	Methylcyclohexane	0.581	0.542	6.7	97	0.00
39 M	1,2-Dichloropropane	0.371	0.345	7.0	91	0.00
40	Dibromomethane	0.229	0.204	10.9	90	0.00
41 M	Bromodichloromethane	0.468	0.431	7.9	95	0.00
42 M	Vinyl Acetate	0.743	0.660	11.2	89	0.00
43	Ethyl Acetate	0.637	0.074	88.4#	11#	0.38
44	Isopropyl Acetate	0.528	0.451	14.6	87	0.00
45 T	1,4-Dioxane	0.002	0.002#	0.0	76	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.263	0.228	13.3	85	0.00
47	n-amyl Acetate	0.478	0.394	17.6	86	0.00
48 M	t-1,3-Dichloropropene	0.465	0.409	12.0	92	0.00
49 T	cis-1,3-Dichloropropene	0.537	0.487	9.3	92	0.00
50 M	1,1,2-Trichloroethane	0.303	0.273	9.9	93	0.00
51	Ethyl methacrylate	0.391	0.339	13.3	89	0.00
52	1,3-Dichloropropane	0.527	0.480	8.9	93	0.00
53 M	Dibromochloromethane	0.327	0.302	7.6	97	0.00
54 M	1,2-Dibromoethane	0.307	0.274	10.7	94	0.00
55 M	2-Chloroethyl vinyl ether	0.214	0.198	7.5	91	0.00
56 M	Bromoform	0.189	0.169	10.6	99	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	0.321	0.290	9.7	87	0.00
59 M	2-Hexanone	0.221	0.194	12.2	85	0.00
60 S	4-Bromofluorobenzene	0.480	0.470	2.1	98	0.00
61 M	Tetrachloroethene	0.326	0.327	-0.3	105	0.00
62 M	Toluene	1.684	1.605	4.7	95	0.00
63 S	Toluene-d8	1.411	1.406	0.4	99	0.00
64 M	Chlorobenzene	1.067	1.014	5.0	98	0.00
65	1,1,1,2-Tetrachloroethane	0.363	0.354	2.5	100	0.00
66 M	Ethyl Benzene	1.819	1.732	4.8	98	0.00
67 M	m/p-Xylenes	0.700	0.659	5.9	97	0.00
68 M	o-Xylene	0.668	0.633	5.2	97	0.00
69 M	Styrene	1.076	1.017	5.5	95	0.00
70	Isopropylbenzene	1.792	1.720	4.0	100	0.00
71 M	1,1,2,2-Tetrachloroethane	0.394	0.369	6.3	95	0.00
72	1,2,3-Trichloropropane	0.347	0.264	23.9	75	0.00
73	Bromobenzene	0.397	0.398	-0.3	107	0.00
74	n-propylbenzene	2.087	1.968	5.7	98	0.00
75	2-Chlorotoluene	1.203	1.124	6.6	96	0.00
76	1,3,5-Trimethylbenzene	1.437	1.351	6.0	97	0.00
77	t-1,4-Dichloro-2-butene	0.108	0.083	23.1	88	0.00
78	4-Chlorotoluene	1.212	1.107	8.7	94	0.00
79	tert-butylbenzene	1.252	1.213	3.1	98	0.00
80	1,2,4-Trimethylbenzene	1.432	1.367	4.5	97	0.00
81	sec-Butylbenzene	1.723	1.661	3.6	100	0.00
82	p-Isopropyltoluene	1.456	1.389	4.6	100	0.00
83 M	1,3-Dichlorobenzene	0.703	0.688	2.1	104	0.00
84 M	1,4-Dichlorobenzene	0.695	0.663	4.6	104	0.00
85	n-Butylbenzene	1.260	1.190	5.6	100	0.00
86 T	Hexachloroethane	0.246	0.229	6.9	99	0.00
87 M	1,2-Dichlorobenzene	0.667	0.664	0.4	105	0.00
88	1,2-Dibromo-3-Chloropropane	0.054	0.044#	18.5	79	0.00
89	1,2,4-Trichlorobenzene	0.271	0.249	8.1	99	0.00
90	Hexachlorobutadiene	0.148	0.155	-4.7	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.625	0.569	9.0	96	0.00
92	1,2,3-Trichlorobenzene	0.236	0.234	0.8	109	0.00

(#) = Out of Range

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