

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN030420\
 Data File : VN060337.D
 Acq On : 4 Mar 2020 8:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 05 05:41:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	98	0.00
2 T	Dichlorodifluoromethane	0.458	0.150	67.2#	33#	0.00
3 P	Chloromethane	0.798	0.255	68.0#	35#	0.00
4 C	Vinyl Chloride	0.684	0.210	69.3#	32#	0.00
5 T	Bromomethane	0.301	0.075	75.1#	28#	0.00
6 T	Chloroethane	0.371	0.113	69.5#	31#	0.00
7 T	Trichlorofluoromethane	0.875	0.279	68.1#	33#	0.00
8 T	Diethyl Ether	0.330	0.107	67.6#	33#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.495	0.164	66.9#	34#	0.00
10 T	Methyl Iodide	0.452	0.142	68.6#	27#	0.00
11 T	Tert butyl alcohol	0.095	0.028	70.5#	31#	0.00
12 CM	1,1-Dichloroethene	0.525	0.157	70.1#	32#	0.00
13 T	Acrolein	0.089	0.034	61.8#	35#	0.00
14 T	Allyl chloride	0.886	0.269	69.6#	33#	0.00
15 T	Acrylonitrile	0.251	0.085	66.1#	32#	0.00
16 T	Acetone	0.207	0.061	70.5#	29#	0.00
17 T	Carbon Disulfide	1.490	0.410	72.5#	32#	0.00
18 T	Methyl Acetate	0.691	0.212	69.3#	32#	0.00
19 T	Methyl tert-butyl Ether	1.744	0.589	66.2#	34#	0.00
20 T	Methylene Chloride	0.569	0.181	68.2#	33#	0.00
21 T	trans-1,2-Dichloroethene	0.595	0.170	71.4#	32#	0.00
22 T	Diisopropyl ether	1.794	0.616	65.7#	34#	0.00
23 T	Vinyl Acetate	1.426	0.489	65.7#	34#	0.00
24 P	1,1-Dichloroethane	1.016	0.338	66.7#	33#	0.00
25 T	2-Butanone	0.335	0.112	66.6#	32#	0.00
26 T	2,2-Dichloropropane	0.925	0.316	65.8#	35#	0.00
27 T	cis-1,2-Dichloroethene	0.660	0.205	68.9#	33#	0.00
28 T	Bromochloromethane	0.417	0.135	67.6#	32#	0.00
29 T	Tetrahydrofuran	0.233	0.076	67.4#	33#	0.00
30 C	Chloroform	1.011	0.342	66.2#	34#	0.00
31 T	Cyclohexane	0.942	0.300	68.2#	34#	0.00
32 T	1,1,1-Trichloroethane	0.896	0.300	66.5#	34#	0.00
33 S	1,2-Dichloroethane-d4	0.642	0.203	68.4#	30#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.232	0.076	67.2#	38#	0.00
36 T	1,1-Dichloropropene	0.477	0.156	67.3#	33#	0.00
37 T	Ethyl Acetate	0.451	0.153	66.1#	33#	0.00
38 T	Carbon Tetrachloride	0.464	0.158	65.9#	33#	0.00
39 T	Methylcyclohexane	0.562	0.188	66.5#	34#	0.00
40 TM	Benzene	1.387	0.464	66.5#	34#	0.00
41 T	Methacrylonitrile	0.208	0.079	62.0#	35#	0.00
42 TM	1,2-Dichloroethane	0.500	0.169	66.2#	34#	0.00
43 T	Isopropyl Acetate	0.790	0.270	65.8#	34#	0.00
44 TM	Trichloroethene	0.386	0.129	66.6#	35#	0.00
45 C	1,2-Dichloropropane	0.363	0.126	65.3#	34#	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.235	0.079	66.4#	33#	0.00
47 T	Bromodichloromethane	0.479	0.169	64.7#	34#	0.00
48 T	Methyl methacrylate	0.360	0.120	66.7#	32#	0.00
49 T	1,4-Dioxane	0.005	0.001	80.0#	31#	0.00
50 S	Toluene-d8	1.175	0.371	68.4#	30#	0.00
51 T	4-Methyl-2-Pentanone	0.448	0.155	65.4#	34#	0.00
52 CM	Toluene	0.871	0.293	66.4#	33#	0.00
53 T	t-1,3-Dichloropropene	0.586	0.199	66.0#	34#	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.209	65.6#	34#	0.00
55 T	1,1,2-Trichloroethane	0.350	0.117	66.6#	34#	0.00
56 T	Ethyl methacrylate	0.503	0.181	64.0#	32#	0.00
57 T	1,3-Dichloropropane	0.571	0.196	65.7#	34#	0.00
58 T	2-Chloroethyl Vinyl ether	0.263	0.084	68.1#	29#	0.00
59 T	2-Hexanone	0.329	0.118	64.1#	35#	0.00
60 T	Dibromochloromethane	0.356	0.127	64.3#	33#	0.00
61 T	1,2-Dibromoethane	0.342	0.118	65.5#	33#	0.00
62 S	4-Bromofluorobenzene	0.445	0.143	67.9#	29#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.444	0.145	67.3#	37#	0.00
65 PM	Chlorobenzene	1.010	0.335	66.8#	34#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.129	65.4#	34#	0.00
67 C	Ethyl Benzene	1.839	0.626	66.0#	34#	0.00
68 T	m/p-Xylenes	0.694	0.232	66.6#	34#	0.00
69 T	o-Xylene	0.661	0.225	66.0#	33#	0.00
70 T	Styrene	1.088	0.377	65.3#	32#	0.00
71 P	Bromoform	0.269	0.098	63.6#	32#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.706	1.241	66.5#	34#	0.00
74 T	N-amyl acetate	1.619	0.531	67.2#	32#	0.00
75 P	1,1,2,2-Tetrachloroethane	1.007	0.336	66.6#	33#	0.00
76 T	1,2,3-Trichloropropane	1.097	0.327	70.2#	33#	0.00
77 T	Bromobenzene	0.908	0.298	67.2#	33#	0.00
78 T	n-propylbenzene	4.344	1.470	66.2#	35#	0.00
79 T	2-Chlorotoluene	2.554	0.844	67.0#	34#	0.00
80 T	1,3,5-Trimethylbenzene	3.120	1.058	66.1#	34#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.397	0.139	65.0#	33#	0.00
82 T	4-Chlorotoluene	2.690	0.894	66.8#	34#	0.00
83 T	tert-Butylbenzene	2.701	0.889	67.1#	33#	0.00
84 T	1,2,4-Trimethylbenzene	3.149	1.051	66.6#	33#	0.00
85 T	sec-Butylbenzene	3.618	1.236	65.8#	34#	0.00
86 T	p-Isopropyltoluene	3.348	1.130	66.2#	34#	0.00
87 T	1,3-Dichlorobenzene	1.706	0.550	67.8#	33#	0.00
88 T	1,4-Dichlorobenzene	1.697	0.549	67.6#	33#	0.00
89 T	n-Butylbenzene	3.074	1.059	65.5#	34#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.485	0.163	66.4#	30#	0.00
91 T	1,2-Dichlorobenzene	1.592	0.521	67.3#	33#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.228	0.073	68.0#	32#	0.00
93 T	1,2,4-Trichlorobenzene	1.130	0.358	68.3#	33#	0.00
94 T	Hexachlorobutadiene	0.536	0.176	67.2#	36#	0.00
95 T	Naphthalene	3.258	0.980	69.9#	31#	0.00
96 T	1,2,3-Trichlorobenzene	1.062	0.326	69.3#	32#	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6