

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN056999.D
 Acq On : 31 Jul 2019 8:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 01 01:29:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 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	85	0.00
2 T	Dichlorodifluoromethane	0.505	0.538	-6.5	83	0.00
3 P	Chloromethane	0.605	0.579	4.3	84	0.00
4 C	Vinyl Chloride	0.568	0.542	4.6#	80	0.00
5 T	Bromomethane	0.353	0.311	11.9	78	0.00
6 T	Chloroethane	0.313	0.296	5.4	81	0.00
7 T	Trichlorofluoromethane	0.743	0.753	-1.3	85	0.00
8 T	Diethyl Ether	0.278	0.272	2.2	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.461	0.458	0.7	83	0.00
10 T	Methyl Iodide	0.615	0.657	-6.8	83	0.00
11 T	Tert butyl alcohol	0.069	0.059	14.5	68	0.00
12 CM	1,1-Dichloroethene	0.439	0.434	1.1#	82	0.00
13 T	Acrolein	0.038	0.022	42.1#	53	0.00
14 T	Allyl chloride	0.715	0.673	5.9	77	0.00
15 T	Acrylonitrile	0.203	0.195	3.9	75	0.00
16 T	Acetone	0.185	0.201	-8.6	85	0.00
17 T	Carbon Disulfide	1.168	1.111	4.9	81	0.00
18 T	Methyl Acetate	0.592	0.511	13.7	72	0.00
19 T	Methyl tert-butyl Ether	1.310	1.262	3.7	78	0.00
20 T	Methylene Chloride	0.534	0.511	4.3	86	0.00
21 T	trans-1,2-Dichloroethene	0.467	0.461	1.3	83	0.00
22 T	Diisopropyl ether	1.473	1.437	2.4	82	0.00
23 T	Vinyl Acetate	1.021	0.973	4.7	75	0.00
24 P	1,1-Dichloroethane	0.869	0.843	3.0	82	0.00
25 T	2-Butanone	0.263	0.257	2.3	74	0.00
26 T	2,2-Dichloropropane	0.661	0.633	4.2	81	0.00
27 T	cis-1,2-Dichloroethene	0.552	0.538	2.5	83	0.00
28 T	Bromochloromethane	0.409	0.374	8.6	82	0.00
29 T	Tetrahydrofuran	0.172	0.157	8.7	69	0.00
30 C	Chloroform	0.889	0.844	5.1#	84	0.00
31 T	Cyclohexane	0.841	0.777	7.6	80	0.00
32 T	1,1,1-Trichloroethane	0.709	0.702	1.0	84	0.00
33 S	1,2-Dichloroethane-d4	0.512	0.497	2.9	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.320	0.338	-5.6	81	0.00
36 T	1,1-Dichloropropene	0.440	0.461	-4.8	83	0.00
37 T	Ethyl Acetate	0.352	0.345	2.0	70	0.00
38 T	Carbon Tetrachloride	0.416	0.441	-6.0	82	0.00
39 T	Methylcyclohexane	0.562	0.589	-4.8	81	0.00
40 TM	Benzene	1.355	1.405	-3.7	83	0.00
41 T	Methacrylonitrile	0.163	0.167	-2.5	82	0.00
42 TM	1,2-Dichloroethane	0.425	0.437	-2.8	84	0.00
43 T	Isopropyl Acetate	0.582	0.561	3.6	71	0.00
44 TM	Trichloroethene	0.373	0.397	-6.4	87	0.00
45 C	1,2-Dichloropropane	0.362	0.376	-3.9#	84	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	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.219	0.234	-6.8	83	0.00
47 T	Bromodichloromethane	0.430	0.457	-6.3	83	0.00
48 T	Methyl methacrylate	0.281	0.282	-0.4	74	0.00
49 T	1,4-Dioxane	0.006	0.006	0.0	81	0.00
50 S	Toluene-d8	1.221	1.282	-5.0	81	0.00
51 T	4-Methyl-2-Pentanone	0.346	0.348	-0.6	73	0.00
52 CM	Toluene	0.814	0.883	-8.5#	85	0.00
53 T	t-1,3-Dichloropropene	0.446	0.472	-5.8	81	0.00
54 T	cis-1,3-Dichloropropene	0.519	0.551	-6.2	82	0.00
55 T	1,1,2-Trichloroethane	0.327	0.336	-2.8	82	0.00
56 T	Ethyl methacrylate	0.439	0.463	-5.5	77	0.00
57 T	1,3-Dichloropropane	0.541	0.561	-3.7	82	0.00
58 T	2-Chloroethyl Vinyl ether	0.196	0.164	16.3	63	0.00
59 T	2-Hexanone	0.241	0.254	-5.4	74	0.00
60 T	Dibromochloromethane	0.335	0.363	-8.4	82	0.00
61 T	1,2-Dibromoethane	0.319	0.340	-6.6	82	0.00
62 S	4-Bromofluorobenzene	0.397	0.422	-6.3	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.431	0.467	-8.4	96	0.00
65 PM	Chlorobenzene	1.019	1.047	-2.7	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.384	0.0	85	0.00
67 C	Ethyl Benzene	1.761	1.833	-4.1#	87	0.00
68 T	m/p-Xylenes	0.650	0.690	-6.2	87	0.00
69 T	o-Xylene	0.636	0.659	-3.6	86	0.00
70 T	Styrene	1.014	1.111	-9.6	87	0.00
71 P	Bromoform	0.268	0.275	-2.6	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	4.321	4.148	4.0	87	0.00
74 T	N-amyl acetate	1.255	1.126	10.3	73	0.00
75 P	1,1,2,2-Tetrachloroethane	1.259	1.068	15.2	77	0.00
76 T	1,2,3-Trichloropropane	1.015	0.931	8.3	81	0.00
77 T	Bromobenzene	1.128	1.092	3.2	88	0.00
78 T	n-propylbenzene	4.614	4.585	0.6	87	0.00
79 T	2-Chlorotoluene	2.841	2.724	4.1	87	0.00
80 T	1,3,5-Trimethylbenzene	3.547	3.520	0.8	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.316	0.293	7.3	73	0.00
82 T	4-Chlorotoluene	2.659	2.631	1.1	85	0.00
83 T	tert-Butylbenzene	3.140	3.045	3.0	89	0.00
84 T	1,2,4-Trimethylbenzene	3.413	3.470	-1.7	89	0.00
85 T	sec-Butylbenzene	4.050	3.982	1.7	87	0.00
86 T	p-Isopropyltoluene	3.595	3.640	-1.3	87	0.00
87 T	1,3-Dichlorobenzene	1.716	1.736	-1.2	86	0.00
88 T	1,4-Dichlorobenzene	1.652	1.658	-0.4	85	0.00
89 T	n-Butylbenzene	2.771	2.846	-2.7	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.619	0.594	4.0	86	0.00
91 T	1,2-Dichlorobenzene	1.688	1.714	-1.5	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.172	0.154	10.5	71	0.00
93 T	1,2,4-Trichlorobenzene	0.732	0.763	-4.2	76	0.00
94 T	Hexachlorobutadiene	0.703	0.658	6.4	88	0.00
95 T	Naphthalene	1.679	1.848	-10.1	77	0.00
96 T	1,2,3-Trichlorobenzene	0.766	0.842	-9.9	83	0.00

(#) = Out of Range

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