

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN010219\
 Data File : VN053236.D
 Acq On : 2 Jan 2019 9:37
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 03 01:35:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 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	84	0.00
2 T	Dichlorodifluoromethane	0.506	0.466	7.9	79	0.00
3 P	Chloromethane	0.613	0.584	4.7	80	0.00
4 C	Vinyl Chloride	0.621	0.586	5.6#	80	0.00
5 T	Bromomethane	0.430	0.417	3.0	88	0.00
6 T	Chloroethane	0.368	0.357	3.0	83	0.00
7 T	Trichlorofluoromethane	0.774	0.783	-1.2	86	0.00
8 T	Diethyl Ether	0.292	0.306	-4.8	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.521	-5.7	91	0.00
10 T	Methyl Iodide	0.693	0.721	-4.0	84	0.00
11 T	Tert butyl alcohol	0.031	0.032	-3.2	85	0.00
12 CM	1,1-Dichloroethene	0.477	0.475	0.4#	84	0.00
13 T	Acrolein	0.028	0.034	-21.4	99	0.00
14 T	Allyl chloride	0.738	0.766	-3.8	88	0.00
15 T	Acrylonitrile	0.172	0.179	-4.1	87	0.00
16 T	Acetone	0.099	0.111	-12.1	97	0.00
17 T	Carbon Disulfide	1.554	1.293	16.8	74	0.00
18 T	Methyl Acetate	0.466	0.511	-9.7	97	0.00
19 T	Methyl tert-butyl Ether	1.275	1.351	-6.0	88	0.00
20 T	Methylene Chloride	0.543	0.562	-3.5	89	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.510	0.4	85	0.00
22 T	Diisopropyl ether	1.576	1.739	-10.3	92	0.00
23 T	Vinyl Acetate	0.906	0.985	-8.7	94	0.00
24 P	1,1-Dichloroethane	0.936	0.993	-6.1	90	0.00
25 T	2-Butanone	0.167	0.189	-13.2	92	0.00
26 T	2,2-Dichloropropane	0.715	0.784	-9.7	94	0.00
27 T	cis-1,2-Dichloroethene	0.580	0.608	-4.8	89	0.00
28 T	Bromochloromethane	0.406	0.440	-8.4	90	0.00
29 T	Tetrahydrofuran	0.125	0.129	-3.2	85	0.00
30 C	Chloroform	0.920	0.972	-5.7#	89	0.00
31 T	Cyclohexane	1.036	0.884	14.7	85	0.00
32 T	1,1,1-Trichloroethane	0.784	0.821	-4.7	89	0.00
33 S	1,2-Dichloroethane-d4	0.507	0.504	0.6	79	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.228	0.294	-28.9#	104	0.00
36 T	1,1-Dichloropropene	0.480	0.499	-4.0	86	0.00
37 T	Ethyl Acetate	0.268	0.290	-8.2	85	0.00
38 T	Carbon Tetrachloride	0.440	0.478	-8.6	88	0.00
39 T	Methylcyclohexane	0.583	0.598	-2.6	86	0.00
40 TM	Benzene	1.427	1.529	-7.1	88	0.00
41 T	Methacrylonitrile	0.155	0.183	-18.1	94	0.00
42 TM	1,2-Dichloroethane	0.422	0.446	-5.7	86	0.00
43 T	Isopropyl Acetate	0.595	0.535	10.1	83	0.00
44 TM	Trichloroethene	0.413	0.419	-1.5	83	0.00
45 C	1,2-Dichloropropane	0.372	0.412	-10.8#	90	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	0.217	0.230	-6.0	87	0.00
47 T	Bromodichloromethane	0.460	0.512	-11.3	91	0.00
48 T	Methyl methacrylate	0.260	0.286	-10.0	89	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	88	0.00
50 S	Toluene-d8	1.226	1.259	-2.7	80	0.00
51 T	4-Methyl-2-Pentanone	0.259	0.285	-10.0	86	0.00
52 CM	Toluene	0.885	0.949	-7.2#	87	0.00
53 T	t-1,3-Dichloropropene	0.484	0.520	-7.4	87	0.00
54 T	cis-1,3-Dichloropropene	0.556	0.610	-9.7	88	0.00
55 T	1,1,2-Trichloroethane	0.309	0.342	-10.7	90	0.00
56 T	Ethyl methacrylate	0.409	0.441	-7.8	86	0.00
57 T	1,3-Dichloropropane	0.529	0.575	-8.7	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.224	0.239	-6.7	84	0.00
59 T	2-Hexanone	0.176	0.198	-12.5	89	0.00
60 T	Dibromochloromethane	0.353	0.388	-9.9	89	0.00
61 T	1,2-Dibromoethane	0.313	0.335	-7.0	86	0.00
62 S	4-Bromofluorobenzene	0.430	0.454	-5.6	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.542	0.508	6.3	77	0.00
65 PM	Chlorobenzene	1.108	1.178	-6.3	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.422	-9.6	91	0.00
67 C	Ethyl Benzene	1.906	2.037	-6.9#	89	0.00
68 T	m/p-Xylenes	0.725	0.770	-6.2	89	0.00
69 T	o-Xylene	0.695	0.750	-7.9	89	0.00
70 T	Styrene	1.134	1.256	-10.8	90	0.00
71 P	Bromoform	0.278	0.298	-7.2	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	3.912	4.182	-6.9	90	0.00
74 T	N-amyl acetate	1.086	1.099	-1.2	83	0.00
75 P	1,1,2,2-Tetrachloroethane	0.767	0.889	-15.9	101	0.00
76 T	1,2,3-Trichloropropane	0.842	0.814	3.3	79	0.00
77 T	Bromobenzene	1.017	1.092	-7.4	91	0.00
78 T	n-propylbenzene	4.455	4.804	-7.8	91	0.00
79 T	2-Chlorotoluene	2.762	2.799	-1.3	90	0.00
80 T	1,3,5-Trimethylbenzene	3.189	3.359	-5.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.261	0.275	-5.4	85	0.00
82 T	4-Chlorotoluene	2.703	2.866	-6.0	90	0.00
83 T	tert-Butylbenzene	2.820	3.007	-6.6	92	0.00
84 T	1,2,4-Trimethylbenzene	3.206	3.405	-6.2	89	0.00
85 T	sec-Butylbenzene	3.814	4.024	-5.5	91	0.00
86 T	p-Isopropyltoluene	3.296	3.487	-5.8	90	0.00
87 T	1,3-Dichlorobenzene	1.800	1.888	-4.9	89	0.00
88 T	1,4-Dichlorobenzene	1.823	1.861	-2.1	89	0.00
89 T	n-Butylbenzene	2.836	2.928	-3.2	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.506	0.574	-13.4	96	0.00
91 T	1,2-Dichlorobenzene	1.694	1.749	-3.2	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.133	0.123	7.5	78	0.00
93 T	1,2,4-Trichlorobenzene	1.006	0.877	12.8	84	0.00
94 T	Hexachlorobutadiene	0.584	0.548	6.2	95	0.00
95 T	Naphthalene	2.223	1.774	20.2	78	0.00
96 T	1,2,3-Trichlorobenzene	0.937	0.775	17.3	82	0.00

(#) = Out of Range

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