

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN010319\
 Data File : VN053274.D
 Acq On : 3 Jan 2019 20:31
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 04 08:57:52 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	67	0.00
2 T	Dichlorodifluoromethane	0.506	0.461	8.9	63	0.00
3 P	Chloromethane	0.613	0.590	3.8	65	0.00
4 C	Vinyl Chloride	0.621	0.599	3.5#	66	0.00
5 T	Bromomethane	0.430	0.425	1.2	72	0.00
6 T	Chloroethane	0.368	0.364	1.1	68	0.00
7 T	Trichlorofluoromethane	0.774	0.811	-4.8	71	0.00
8 T	Diethyl Ether	0.292	0.335	-14.7	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.524	-6.3	74	0.00
10 T	Methyl Iodide	0.693	0.769	-11.0	72	0.00
11 T	Tert butyl alcohol	0.031	0.042	-35.5#	89	0.00
12 CM	1,1-Dichloroethene	0.477	0.500	-4.8#	71	0.00
13 T	Acrolein	0.028	0.036	-28.6#	84	0.00
14 T	Allyl chloride	0.738	0.793	-7.5	73	0.00
15 T	Acrylonitrile	0.172	0.219	-27.3#	86	0.00
16 T	Acetone	0.099	0.139	-40.4#	98	0.00
17 T	Carbon Disulfide	1.554	1.253	19.4	57	0.00
18 T	Methyl Acetate	0.466	0.657	-41.0#	100	0.00
19 T	Methyl tert-butyl Ether	1.275	1.540	-20.8	81	0.00
20 T	Methylene Chloride	0.543	0.599	-10.3	77	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.533	-4.1	72	0.00
22 T	Diisopropyl ether	1.576	1.881	-19.4	80	0.00
23 T	Vinyl Acetate	0.906	1.119	-23.5	86	0.00
24 P	1,1-Dichloroethane	0.936	1.067	-14.0	77	0.00
25 T	2-Butanone	0.167	0.233	-39.5#	91	0.00
26 T	2,2-Dichloropropane	0.715	0.715	0.0	69	0.00
27 T	cis-1,2-Dichloroethene	0.580	0.647	-11.6	76	0.00
28 T	Bromochloromethane	0.406	0.462	-13.8	76	0.00
29 T	Tetrahydrofuran	0.125	0.165	-32.0#	87	0.00
30 C	Chloroform	0.920	1.058	-15.0#	78	0.00
31 T	Cyclohexane	1.036	0.895	13.6	69	0.00
32 T	1,1,1-Trichloroethane	0.784	0.861	-9.8	75	0.00
33 S	1,2-Dichloroethane-d4	0.507	0.549	-8.3	70	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	68	0.00
35 S	Dibromofluoromethane	0.228	0.304	-33.3#	90	0.00
36 T	1,1-Dichloropropene	0.480	0.498	-3.8	72	0.00
37 T	Ethyl Acetate	0.268	0.341	-27.2#	84	0.00
38 T	Carbon Tetrachloride	0.440	0.476	-8.2	73	0.00
39 T	Methylcyclohexane	0.583	0.552	5.3	66	0.00
40 TM	Benzene	1.427	1.553	-8.8	75	0.00
41 T	Methacrylonitrile	0.155	0.190	-22.6	82	0.00
42 TM	1,2-Dichloroethane	0.422	0.477	-13.0	77	0.00
43 T	Isopropyl Acetate	0.595	0.630	-5.9	82	0.00
44 TM	Trichloroethene	0.413	0.426	-3.1	71	0.00
45 C	1,2-Dichloropropane	0.372	0.427	-14.8#	78	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.217	0.248	-14.3	78	0.00
47 T	Bromodichloromethane	0.460	0.524	-13.9	78	0.00
48 T	Methyl methacrylate	0.260	0.316	-21.5	82	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	84	0.00
50 S	Toluene-d8	1.226	1.246	-1.6	67	0.00
51 T	4-Methyl-2-Pentanone	0.259	0.342	-32.0#	87	0.00
52 CM	Toluene	0.885	0.965	-9.0#	74	0.00
53 T	t-1,3-Dichloropropene	0.484	0.531	-9.7	74	0.00
54 T	cis-1,3-Dichloropropene	0.556	0.609	-9.5	74	0.00
55 T	1,1,2-Trichloroethane	0.309	0.366	-18.4	81	0.00
56 T	Ethyl methacrylate	0.409	0.495	-21.0	81	0.00
57 T	1,3-Dichloropropane	0.529	0.620	-17.2	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.224	0.258	-15.2	76	0.00
59 T	2-Hexanone	0.176	0.229	-30.1#	86	0.00
60 T	Dibromochloromethane	0.353	0.404	-14.4	77	0.00
61 T	1,2-Dibromoethane	0.313	0.358	-14.4	77	0.00
62 S	4-Bromofluorobenzene	0.430	0.450	-4.7	68	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.00
64 T	Tetrachloroethene	0.542	0.517	4.6	65	0.00
65 PM	Chlorobenzene	1.108	1.203	-8.6	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.438	-13.8	78	0.00
67 C	Ethyl Benzene	1.906	2.064	-8.3#	75	0.00
68 T	m/p-Xylenes	0.725	0.781	-7.7	75	0.00
69 T	o-Xylene	0.695	0.772	-11.1	76	0.00
70 T	Styrene	1.134	1.285	-13.3	77	0.00
71 P	Bromoform	0.278	0.310	-11.5	75	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	68	0.00
73 T	Isopropylbenzene	3.912	4.231	-8.2	76	0.00
74 T	N-amyl acetate	1.086	1.250	-15.1	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.767	0.951	-24.0	90	0.00
76 T	1,2,3-Trichloropropane	0.842	0.833	1.1	67	0.00
77 T	Bromobenzene	1.017	1.114	-9.5	77	0.00
78 T	n-propylbenzene	4.455	4.755	-6.7	74	0.00
79 T	2-Chlorotoluene	2.762	2.862	-3.6	76	0.00
80 T	1,3,5-Trimethylbenzene	3.189	3.387	-6.2	75	0.00
81 T	trans-1,4-Dichloro-2-butene	0.261	0.286	-9.6	73	0.00
82 T	4-Chlorotoluene	2.703	2.916	-7.9	76	0.00
83 T	tert-Butylbenzene	2.820	3.010	-6.7	76	0.00
84 T	1,2,4-Trimethylbenzene	3.206	3.465	-8.1	75	0.00
85 T	sec-Butylbenzene	3.814	3.970	-4.1	74	0.00
86 T	p-Isopropyltoluene	3.296	3.451	-4.7	74	0.00
87 T	1,3-Dichlorobenzene	1.800	1.910	-6.1	75	0.00
88 T	1,4-Dichlorobenzene	1.823	1.874	-2.8	74	0.00
89 T	n-Butylbenzene	2.836	2.797	1.4	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.506	0.532	-5.1	74	0.00
91 T	1,2-Dichlorobenzene	1.694	1.795	-6.0	74	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.133	0.096	27.8#	50	0.00
93 T	1,2,4-Trichlorobenzene	1.006	0.354	64.8#	28#	0.00
94 T	Hexachlorobutadiene	0.584	0.368	37.0#	53	0.00
95 T	Naphthalene	2.223	0.587	73.6#	21#	0.00
96 T	1,2,3-Trichlorobenzene	0.937	0.202	78.4#	18#	0.00

(#) = Out of Range

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