

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN010319\
 Data File : VN053249.D
 Acq On : 3 Jan 2019 9:07
 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 04 08:45:35 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	75	0.00
2 T	Dichlorodifluoromethane	0.506	0.468	7.5	72	0.00
3 P	Chloromethane	0.613	0.573	6.5	71	0.00
4 C	Vinyl Chloride	0.621	0.579	6.8#	72	0.00
5 T	Bromomethane	0.430	0.422	1.9	80	0.00
6 T	Chloroethane	0.368	0.350	4.9	73	0.00
7 T	Trichlorofluoromethane	0.774	0.778	-0.5	77	0.00
8 T	Diethyl Ether	0.292	0.306	-4.8	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.518	-5.1	82	0.00
10 T	Methyl Iodide	0.693	0.703	-1.4	74	0.00
11 T	Tert butyl alcohol	0.031	0.028	9.7	68	0.00
12 CM	1,1-Dichloroethene	0.477	0.470	1.5#	75	0.00
13 T	Acrolein	0.028	0.029	-3.6	75	0.00
14 T	Allyl chloride	0.738	0.807	-9.3	83	0.00
15 T	Acrylonitrile	0.172	0.180	-4.7	79	0.00
16 T	Acetone	0.099	0.131	-32.3#	103	0.00
17 T	Carbon Disulfide	1.554	1.250	19.6	64	0.00
18 T	Methyl Acetate	0.466	0.514	-10.3	88	0.00
19 T	Methyl tert-butyl Ether	1.275	1.337	-4.9	79	0.00
20 T	Methylene Chloride	0.543	0.557	-2.6	80	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.504	1.6	76	0.00
22 T	Diisopropyl ether	1.576	1.746	-10.8	83	0.00
23 T	Vinyl Acetate	0.906	0.982	-8.4	84	0.00
24 P	1,1-Dichloroethane	0.936	0.986	-5.3	80	0.00
25 T	2-Butanone	0.167	0.198	-18.6	87	0.00
26 T	2,2-Dichloropropane	0.715	0.761	-6.4	82	0.00
27 T	cis-1,2-Dichloroethene	0.580	0.608	-4.8	80	0.00
28 T	Bromochloromethane	0.406	0.433	-6.7	80	0.00
29 T	Tetrahydrofuran	0.125	0.130	-4.0	77	0.00
30 C	Chloroform	0.920	0.974	-5.9#	80	0.00
31 T	Cyclohexane	1.036	0.879	15.2	76	0.00
32 T	1,1,1-Trichloroethane	0.784	0.811	-3.4	79	0.00
33 S	1,2-Dichloroethane-d4	0.507	0.472	6.9	67	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.228	0.278	-21.9	88	0.00
36 T	1,1-Dichloropropene	0.480	0.504	-5.0	78	0.00
37 T	Ethyl Acetate	0.268	0.290	-8.2	77	0.00
38 T	Carbon Tetrachloride	0.440	0.480	-9.1	79	0.00
39 T	Methylcyclohexane	0.583	0.591	-1.4	76	0.00
40 TM	Benzene	1.427	1.524	-6.8	79	0.00
41 T	Methacrylonitrile	0.155	0.172	-11.0	80	0.00
42 TM	1,2-Dichloroethane	0.422	0.449	-6.4	78	0.00
43 T	Isopropyl Acetate	0.595	0.534	10.3	74	0.00
44 TM	Trichloroethene	0.413	0.412	0.2	73	0.00
45 C	1,2-Dichloropropane	0.372	0.414	-11.3#	81	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	0.229	-5.5	78	0.00
47 T	Bromodichloromethane	0.460	0.512	-11.3	81	0.00
48 T	Methyl methacrylate	0.260	0.274	-5.4	76	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	67	0.00
50 S	Toluene-d8	1.226	1.178	3.9	67	0.00
51 T	4-Methyl-2-Pentanone	0.259	0.288	-11.2	78	0.00
52 CM	Toluene	0.885	0.954	-7.8#	79	0.00
53 T	t-1,3-Dichloropropene	0.484	0.521	-7.6	78	0.00
54 T	cis-1,3-Dichloropropene	0.556	0.615	-10.6	79	0.00
55 T	1,1,2-Trichloroethane	0.309	0.339	-9.7	80	0.00
56 T	Ethyl methacrylate	0.409	0.442	-8.1	77	0.00
57 T	1,3-Dichloropropane	0.529	0.581	-9.8	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.224	0.236	-5.4	74	0.00
59 T	2-Hexanone	0.176	0.202	-14.8	82	0.00
60 T	Dibromochloromethane	0.353	0.389	-10.2	80	0.00
61 T	1,2-Dibromoethane	0.313	0.334	-6.7	77	0.00
62 S	4-Bromofluorobenzene	0.430	0.417	3.0	68	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
64 T	Tetrachloroethene	0.542	0.478	11.8	65	0.00
65 PM	Chlorobenzene	1.108	1.205	-8.8	81	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.428	-11.2	82	0.00
67 C	Ethyl Benzene	1.906	2.078	-9.0#	81	0.00
68 T	m/p-Xylenes	0.725	0.787	-8.6	81	0.00
69 T	o-Xylene	0.695	0.768	-10.5	81	0.00
70 T	Styrene	1.134	1.285	-13.3	82	0.00
71 P	Bromoform	0.278	0.284	-2.2	74	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	66	0.00
73 T	Isopropylbenzene	3.912	4.752	-21.5	82	0.00
74 T	N-amyl acetate	1.086	1.192	-9.8	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.767	0.870	-13.4	79	0.00
76 T	1,2,3-Trichloropropane	0.842	0.766	9.0	59	0.00
77 T	Bromobenzene	1.017	1.195	-17.5	80	0.00
78 T	n-propylbenzene	4.455	5.432	-21.9	82	0.00
79 T	2-Chlorotoluene	2.762	3.159	-14.4	81	0.00
80 T	1,3,5-Trimethylbenzene	3.189	3.771	-18.3	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.261	0.284	-8.8	70	0.00
82 T	4-Chlorotoluene	2.703	3.235	-19.7	82	0.00
83 T	tert-Butylbenzene	2.820	3.337	-18.3	82	0.00
84 T	1,2,4-Trimethylbenzene	3.206	3.758	-17.2	79	0.00
85 T	sec-Butylbenzene	3.814	4.441	-16.4	80	0.00
86 T	p-Isopropyltoluene	3.296	3.806	-15.5	79	0.00
87 T	1,3-Dichlorobenzene	1.800	1.959	-8.8	74	0.00
88 T	1,4-Dichlorobenzene	1.823	1.898	-4.1	73	0.00
89 T	n-Butylbenzene	2.836	3.049	-7.5	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.506	0.584	-15.4	78	0.00
91 T	1,2-Dichlorobenzene	1.694	1.628	3.9	65	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.133	0.055	58.6#	28#	0.00
93 T	1,2,4-Trichlorobenzene	1.006	0.155	84.6#	12#	0.00
94 T	Hexachlorobutadiene	0.584	0.213	63.5#	30#	0.00
95 T	Naphthalene	2.223	0.235	89.4#	8#	0.00
96 T	1,2,3-Trichlorobenzene	0.937	0.079	91.6#	7#	0.00

(#) = Out of Range

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