

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN101719\
 Data File : VN058841.D
 Acq On : 17 Oct 2019 20:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 18 04:57:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 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	76	0.00
2 T	Dichlorodifluoromethane	0.623	0.650	-4.3	79	0.00
3 P	Chloromethane	0.740	0.740	0.0	79	0.00
4 C	Vinyl Chloride	0.738	0.767	-3.9#	80	0.00
5 T	Bromomethane	0.449	0.462	-2.9	81	0.00
6 T	Chloroethane	0.455	0.486	-6.8	84	0.00
7 T	Trichlorofluoromethane	0.883	0.952	-7.8	86	0.00
8 T	Diethyl Ether	0.326	0.344	-5.5	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.503	0.553	-9.9	87	0.00
10 T	Methyl Iodide	0.687	0.717	-4.4	79	0.00
11 T	Tert butyl alcohol	0.113	0.122	-8.0	86	0.00
12 CM	1,1-Dichloroethene	0.480	0.512	-6.7#	82	0.00
13 T	Acrolein	0.091	0.053	41.8#	45#	0.00
14 T	Allyl chloride	0.969	1.051	-8.5	84	0.00
15 T	Acrylonitrile	0.286	0.337	-17.8	89	0.00
16 T	Acetone	0.290	0.320	-10.3	84	0.00
17 T	Carbon Disulfide	1.535	1.475	3.9	76	0.00
18 T	Methyl Acetate	0.735	0.903	-22.9	95	0.00
19 T	Methyl tert-butyl Ether	1.715	1.945	-13.4	85	0.00
20 T	Methylene Chloride	0.606	0.632	-4.3	86	0.00
21 T	trans-1,2-Dichloroethene	0.537	0.567	-5.6	81	0.00
22 T	Diisopropyl ether	1.884	2.191	-16.3	88	0.00
23 T	Vinyl Acetate	1.520	1.849	-21.6	86	0.00
24 P	1,1-Dichloroethane	1.073	1.201	-11.9	86	0.00
25 T	2-Butanone	0.419	0.482	-15.0	87	0.00
26 T	2,2-Dichloropropane	0.980	0.964	1.6	78	0.00
27 T	cis-1,2-Dichloroethene	0.626	0.662	-5.8	83	0.00
28 T	Bromochloromethane	0.373	0.414	-11.0	86	0.00
29 T	Tetrahydrofuran	0.271	0.318	-17.3	89	0.00
30 C	Chloroform	1.078	1.200	-11.3#	88	0.00
31 T	Cyclohexane	1.027	1.044	-1.7	81	0.00
32 T	1,1,1-Trichloroethane	0.919	1.037	-12.8	85	0.00
33 S	1,2-Dichloroethane-d4	0.700	0.770	-10.0	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.309	0.346	-12.0	84	0.00
36 T	1,1-Dichloropropene	0.506	0.541	-6.9	82	0.00
37 T	Ethyl Acetate	0.511	0.616	-20.5	89	0.00
38 T	Carbon Tetrachloride	0.493	0.557	-13.0	85	0.00
39 T	Methylcyclohexane	0.587	0.608	-3.6	78	0.00
40 TM	Benzene	1.452	1.608	-10.7	85	0.00
41 T	Methacrylonitrile	0.239	0.283	-18.4	83	0.00
42 TM	1,2-Dichloroethane	0.558	0.628	-12.5	87	0.00
43 T	Isopropyl Acetate	0.871	1.005	-15.4	88	0.00
44 TM	Trichloroethene	0.361	0.386	-6.9	82	0.00
45 C	1,2-Dichloropropane	0.389	0.452	-16.2#	88	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.246	0.284	-15.4	87	0.00
47 T	Bromodichloromethane	0.502	0.591	-17.7	88	0.00
48 T	Methyl methacrylate	0.395	0.467	-18.2	88	0.00
49 T	1,4-Dioxane	0.006	0.007	-16.7	83	0.00
50 S	Toluene-d8	1.235	1.312	-6.2	80	0.00
51 T	4-Methyl-2-Pentanone	0.489	0.631	-29.0#	91	0.00
52 CM	Toluene	0.888	0.980	-10.4#	83	0.00
53 T	t-1,3-Dichloropropene	0.576	0.659	-14.4	85	0.00
54 T	cis-1,3-Dichloropropene	0.611	0.691	-13.1	84	0.00
55 T	1,1,2-Trichloroethane	0.363	0.401	-10.5	89	0.00
56 T	Ethyl methacrylate	0.531	0.632	-19.0	86	0.00
57 T	1,3-Dichloropropane	0.619	0.711	-14.9	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.256	0.285	-11.3	80	0.00
59 T	2-Hexanone	0.378	0.473	-25.1#	89	0.00
60 T	Dibromochloromethane	0.375	0.441	-17.6	87	0.00
61 T	1,2-Dibromoethane	0.364	0.413	-13.5	86	0.00
62 S	4-Bromofluorobenzene	0.467	0.496	-6.2	80	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.350	0.369	-5.4	83	0.00
65 PM	Chlorobenzene	1.015	1.121	-10.4	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.375	0.432	-15.2	88	0.00
67 C	Ethyl Benzene	1.810	2.062	-13.9#	84	0.00
68 T	m/p-Xylenes	0.679	0.762	-12.2	83	0.00
69 T	o-Xylene	0.657	0.727	-10.7	84	0.00
70 T	Styrene	1.077	1.228	-14.0	84	0.00
71 P	Bromoform	0.275	0.337	-22.5	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.621	4.001	-10.5	84	0.00
74 T	N-amyl acetate	1.626	1.882	-15.7	87	0.00
75 P	1,1,2,2-Tetrachloroethane	1.193	1.355	-13.6	90	0.00
76 T	1,2,3-Trichloropropane	1.097	1.259	-14.8	94	0.00
77 T	Bromobenzene	0.881	0.953	-8.2	86	0.00
78 T	n-propylbenzene	4.220	4.730	-12.1	83	0.00
79 T	2-Chlorotoluene	2.619	2.801	-6.9	85	0.00
80 T	1,3,5-Trimethylbenzene	3.091	3.435	-11.1	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.409	0.455	-11.2	85	0.00
82 T	4-Chlorotoluene	2.687	2.893	-7.7	83	0.00
83 T	tert-Butylbenzene	2.648	2.906	-9.7	85	0.00
84 T	1,2,4-Trimethylbenzene	3.069	3.460	-12.7	84	0.00
85 T	sec-Butylbenzene	3.490	3.950	-13.2	84	0.00
86 T	p-Isopropyltoluene	3.172	3.556	-12.1	83	0.00
87 T	1,3-Dichlorobenzene	1.624	1.725	-6.2	84	0.00
88 T	1,4-Dichlorobenzene	1.652	1.705	-3.2	84	0.00
89 T	n-Butylbenzene	2.933	3.231	-10.2	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.568	0.660	-16.2	89	0.00
91 T	1,2-Dichlorobenzene	1.583	1.709	-8.0	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.279	0.296	-6.1	90	0.00
93 T	1,2,4-Trichlorobenzene	0.966	1.010	-4.6	80	0.00
94 T	Hexachlorobutadiene	0.509	0.523	-2.8	82	0.00
95 T	Naphthalene	2.775	2.942	-6.0	79	0.00
96 T	1,2,3-Trichlorobenzene	0.943	0.965	-2.3	80	0.00

(#) = Out of Range

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