

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121219\
 Data File : VN059581.D
 Acq On : 12 Dec 2019 18:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 13 09:01:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 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	95	0.00
2 T	Dichlorodifluoromethane	0.577	0.480	16.8	92	0.00
3 P	Chloromethane	0.873	0.785	10.1	99	0.00
4 C	Vinyl Chloride	0.860	0.781	9.2#	98	0.00
5 T	Bromomethane	0.524	0.350	33.2#	75	-0.03
6 T	Chloroethane	0.514	0.457	11.1	99	-0.02
7 T	Trichlorofluoromethane	1.029	0.926	10.0	98	-0.02
8 T	Diethyl Ether	0.353	0.287	18.7	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.535	0.455	15.0	97	0.00
10 T	Methyl Iodide	0.725	0.593	18.2	94	0.00
11 T	Tert butyl alcohol	0.116	0.086	25.9#	85	0.00
12 CM	1,1-Dichloroethene	0.520	0.436	16.2#	99	0.00
13 T	Acrolein	0.056	0.050	10.7	141	0.00
14 T	Allyl chloride	1.001	0.868	13.3	95	0.00
15 T	Acrylonitrile	0.305	0.277	9.2	97	0.00
16 T	Acetone	0.326	0.244	25.2#	91	0.00
17 T	Carbon Disulfide	1.938	1.335	31.1#	88	0.00
18 T	Methyl Acetate	0.857	0.747	12.8	100	0.00
19 T	Methyl tert-butyl Ether	1.730	1.604	7.3	98	0.00
20 T	Methylene Chloride	0.664	0.522	21.4	97	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.488	12.7	97	0.00
22 T	Diisopropyl ether	1.906	1.727	9.4	96	0.00
23 T	Vinyl Acetate	1.590	1.507	5.2	97	0.00
24 P	1,1-Dichloroethane	1.082	0.974	10.0	98	0.00
25 T	2-Butanone	0.439	0.383	12.8	92	0.00
26 T	2,2-Dichloropropane	0.978	0.844	13.7	94	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.557	11.3	97	0.00
28 T	Bromochloromethane	0.344	0.400	-16.3	106	0.00
29 T	Tetrahydrofuran	0.306	0.259	15.4	94	0.00
30 C	Chloroform	1.068	0.959	10.2#	98	0.00
31 T	Cyclohexane	1.053	0.863	18.0	94	0.00
32 T	1,1,1-Trichloroethane	0.947	0.854	9.8	98	0.00
33 S	1,2-Dichloroethane-d4	0.699	0.753	-7.7	116	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.298	0.331	-11.1	114	0.00
36 T	1,1-Dichloropropene	0.513	0.459	10.5	96	0.00
37 T	Ethyl Acetate	0.533	0.512	3.9	95	0.00
38 T	Carbon Tetrachloride	0.506	0.467	7.7	97	0.00
39 T	Methylcyclohexane	0.575	0.519	9.7	92	0.00
40 TM	Benzene	1.465	1.317	10.1	95	0.00
41 T	Methacrylonitrile	0.249	0.216	13.3	85	0.00
42 TM	1,2-Dichloroethane	0.546	0.512	6.2	96	0.00
43 T	Isopropyl Acetate	0.886	0.816	7.9	94	0.00
44 TM	Trichloroethene	0.370	0.339	8.4	97	0.00
45 C	1,2-Dichloropropane	0.388	0.358	7.7#	96	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.257	0.232	9.7	97	0.00
47 T	Bromodichloromethane	0.510	0.474	7.1	96	0.00
48 T	Methyl methacrylate	0.387	0.375	3.1	98	0.00
49 T	1,4-Dioxane	0.005	0.004	20.0	80	0.00
50 S	Toluene-d8	1.218	1.305	-7.1	115	0.00
51 T	4-Methyl-2-Pentanone	0.512	0.498	2.7	94	0.00
52 CM	Toluene	0.873	0.803	8.0#	96	0.00
53 T	t-1,3-Dichloropropene	0.594	0.554	6.7	97	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.576	5.3	96	0.00
55 T	1,1,2-Trichloroethane	0.353	0.323	8.5	97	0.00
56 T	Ethyl methacrylate	0.519	0.495	4.6	97	0.00
57 T	1,3-Dichloropropane	0.603	0.570	5.5	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.106	26.9#	140	0.00
59 T	2-Hexanone	0.385	0.378	1.8	94	0.00
60 T	Dibromochloromethane	0.383	0.357	6.8	96	0.00
61 T	1,2-Dibromoethane	0.368	0.338	8.2	96	0.00
62 S	4-Bromofluorobenzene	0.451	0.475	-5.3	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.365	0.332	9.0	99	0.00
65 PM	Chlorobenzene	1.048	0.924	11.8	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.355	9.2	88	0.00
67 C	Ethyl Benzene	1.885	1.701	9.8#	85	0.00
68 T	m/p-Xylenes	0.707	0.632	10.6	79	0.00
69 T	o-Xylene	0.658	0.595	9.6	79	0.00
70 T	Styrene	1.091	0.968	11.3	78	0.00
71 P	Bromoform	0.307	0.280	8.8	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73 T	Isopropylbenzene	3.751	3.285	12.4	87	0.00
74 T	N-amyl acetate	1.634	1.582	3.2	88	0.00
75 P	1,1,2,2-Tetrachloroethane	1.271	1.070	15.8	80	0.00
76 T	1,2,3-Trichloropropane	1.279	1.097	14.2	86	0.00
77 T	Bromobenzene	0.934	0.778	16.7	78	0.00
78 T	n-propylbenzene	4.609	3.905	15.3	80	0.00
79 T	2-Chlorotoluene	2.748	2.291	16.6	81	0.00
80 T	1,3,5-Trimethylbenzene	3.216	2.784	13.4	78	0.00
81 T	trans-1,4-Dichloro-2-butene	0.475	0.409	13.9	84	0.00
82 T	4-Chlorotoluene	2.810	2.397	14.7	79	0.00
83 T	tert-Butylbenzene	2.682	2.337	12.9	78	0.00
84 T	1,2,4-Trimethylbenzene	3.176	2.800	11.8	77	0.00
85 T	sec-Butylbenzene	3.684	3.167	14.0	76	0.00
86 T	p-Isopropyltoluene	3.292	2.893	12.1	75	0.00
87 T	1,3-Dichlorobenzene	1.720	1.431	16.8	75	0.00
88 T	1,4-Dichlorobenzene	1.684	1.444	14.3	75	0.00
89 T	n-Butylbenzene	3.092	2.696	12.8	78	0.00

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90 T	Hexachloroethane	0.605	0.525	13.2	76	0.00
91 T	1,2-Dichlorobenzene	1.614	1.428	11.5	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.321	0.256	20.2	82	0.00
93 T	1,2,4-Trichlorobenzene	1.116	0.885	20.7	70	0.00
94 T	Hexachlorobutadiene	0.570	0.454	20.4	66	0.00
95 T	Naphthalene	3.263	2.621	19.7	73	0.00
96 T	1,2,3-Trichlorobenzene	1.149	0.863	24.9	70	0.00

(#) = Out of Range

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