

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121219\
 Data File : VN059568.D
 Acq On : 12 Dec 2019 11:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 13 08:32:59 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	0.586	-1.6	113	0.00
3 P	Chloromethane	0.873	0.892	-2.2	113	0.00
4 C	Vinyl Chloride	0.860	0.918	-6.7#	116	0.00
5 T	Bromomethane	0.524	0.549	-4.8	117	0.00
6 T	Chloroethane	0.514	0.533	-3.7	116	0.00
7 T	Trichlorofluoromethane	1.029	1.076	-4.6	114	0.00
8 T	Diethyl Ether	0.353	0.378	-7.1	127	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.535	0.532	0.6	114	0.00
10 T	Methyl Iodide	0.725	0.721	0.6	114	0.00
11 T	Tert butyl alcohol	0.116	0.127	-9.5	127	0.00
12 CM	1,1-Dichloroethene	0.520	0.511	1.7#	116	0.00
13 T	Acrolein	0.056	0.080	-42.9#	229#	0.00
14 T	Allyl chloride	1.001	1.049	-4.8	116	0.00
15 T	Acrylonitrile	0.305	0.340	-11.5	119	0.00
16 T	Acetone	0.326	0.369	-13.2	137	0.00
17 T	Carbon Disulfide	1.938	1.594	17.8	106	0.00
18 T	Methyl Acetate	0.857	0.908	-6.0	122	0.00
19 T	Methyl tert-butyl Ether	1.730	1.978	-14.3	122	0.00
20 T	Methylene Chloride	0.664	0.656	1.2	123	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.578	-3.4	115	0.00
22 T	Diisopropyl ether	1.906	2.176	-14.2	122	0.00
23 T	Vinyl Acetate	1.590	1.837	-15.5	118	0.00
24 P	1,1-Dichloroethane	1.082	1.167	-7.9	118	0.00
25 T	2-Butanone	0.439	0.507	-15.5	123	0.00
26 T	2,2-Dichloropropane	0.978	1.046	-7.0	117	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.671	-6.8	117	0.00
28 T	Bromochloromethane	0.344	0.422	-22.7	112	0.00
29 T	Tetrahydrofuran	0.306	0.325	-6.2	118	0.00
30 C	Chloroform	1.068	1.165	-9.1#	119	0.00
31 T	Cyclohexane	1.053	1.037	1.5	113	0.00
32 T	1,1,1-Trichloroethane	0.947	1.005	-6.1	115	0.00
33 S	1,2-Dichloroethane-d4	0.699	0.757	-8.3	117	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.298	0.331	-11.1	115	0.00
36 T	1,1-Dichloropropene	0.513	0.539	-5.1	114	0.00
37 T	Ethyl Acetate	0.533	0.636	-19.3	120	0.00
38 T	Carbon Tetrachloride	0.506	0.553	-9.3	116	0.00
39 T	Methylcyclohexane	0.575	0.627	-9.0	113	0.00
40 TM	Benzene	1.465	1.576	-7.6	115	0.00
41 T	Methacrylonitrile	0.249	0.285	-14.5	113	0.00
42 TM	1,2-Dichloroethane	0.546	0.620	-13.6	118	0.00
43 T	Isopropyl Acetate	0.886	1.013	-14.3	119	0.00
44 TM	Trichloroethene	0.370	0.399	-7.8	116	0.00
45 C	1,2-Dichloropropane	0.388	0.436	-12.4#	118	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.257	0.284	-10.5	120	0.00
47 T	Bromodichloromethane	0.510	0.577	-13.1	118	0.00
48 T	Methyl methacrylate	0.387	0.462	-19.4	122	0.00
49 T	1,4-Dioxane	0.005	0.007	-40.0#	154#	0.00
50 S	Toluene-d8	1.218	1.283	-5.3	115	0.00
51 T	4-Methyl-2-Pentanone	0.512	0.626	-22.3	120	0.00
52 CM	Toluene	0.873	0.976	-11.8#	118	0.00
53 T	t-1,3-Dichloropropene	0.594	0.683	-15.0	121	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.709	-16.6	120	0.00
55 T	1,1,2-Trichloroethane	0.353	0.393	-11.3	120	0.00
56 T	Ethyl methacrylate	0.519	0.624	-20.2	123	0.00
57 T	1,3-Dichloropropane	0.603	0.689	-14.3	120	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.208	-43.4#	278#	0.00
59 T	2-Hexanone	0.385	0.476	-23.6	120	0.00
60 T	Dibromochloromethane	0.383	0.445	-16.2	122	0.00
61 T	1,2-Dibromoethane	0.368	0.414	-12.5	119	0.00
62 S	4-Bromofluorobenzene	0.451	0.477	-5.8	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.365	0.413	-13.2	126	0.00
65 PM	Chlorobenzene	1.048	1.126	-7.4	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.434	-11.0	110	0.00
67 C	Ethyl Benzene	1.885	2.079	-10.3#	106	0.00
68 T	m/p-Xylenes	0.707	0.774	-9.5	99	0.00
69 T	o-Xylene	0.658	0.741	-12.6	101	0.00
70 T	Styrene	1.091	1.243	-13.9	102	0.00
71 P	Bromoform	0.307	0.343	-11.7	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.751	4.065	-8.4	110	0.00
74 T	N-amyl acetate	1.634	1.957	-19.8	112	0.00
75 P	1,1,2,2-Tetrachloroethane	1.271	1.306	-2.8	100	0.00
76 T	1,2,3-Trichloropropane	1.279	1.333	-4.2	107	0.00
77 T	Bromobenzene	0.934	0.968	-3.6	99	0.00
78 T	n-propylbenzene	4.609	4.896	-6.2	102	0.00
79 T	2-Chlorotoluene	2.748	2.861	-4.1	103	0.00
80 T	1,3,5-Trimethylbenzene	3.216	3.453	-7.4	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.475	0.519	-9.3	109	0.00
82 T	4-Chlorotoluene	2.810	3.018	-7.4	102	0.00
83 T	tert-Butylbenzene	2.682	2.881	-7.4	98	0.00
84 T	1,2,4-Trimethylbenzene	3.176	3.481	-9.6	98	0.00
85 T	sec-Butylbenzene	3.684	4.012	-8.9	98	0.00
86 T	p-Isopropyltoluene	3.292	3.710	-12.7	99	0.00
87 T	1,3-Dichlorobenzene	1.720	1.809	-5.2	97	0.00
88 T	1,4-Dichlorobenzene	1.684	1.787	-6.1	95	0.00
89 T	n-Butylbenzene	3.092	3.448	-11.5	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.605	0.680	-12.4	100	0.00
91 T	1,2-Dichlorobenzene	1.614	1.751	-8.5	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.321	0.301	6.2	99	0.00
93 T	1,2,4-Trichlorobenzene	1.116	1.091	2.2	88	0.00
94 T	Hexachlorobutadiene	0.570	0.588	-3.2	87	0.00
95 T	Naphthalene	3.263	3.190	2.2	91	0.00
96 T	1,2,3-Trichlorobenzene	1.149	1.038	9.7	86	0.00

(#) = Out of Range

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