

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN083119\
 Data File : VN057590.D
 Acq On : 30 Aug 2019 15:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 31 00:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 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	97	0.00
2 T	Dichlorodifluoromethane	0.562	0.524	6.8	93	0.00
3 P	Chloromethane	0.561	0.485	13.5	90	0.00
4 C	Vinyl Chloride	0.828	0.765	7.6#	93	0.00
5 T	Bromomethane	0.713	0.741	-3.9	104	0.00
6 T	Chloroethane	0.555	0.534	3.8	99	0.00
7 T	Trichlorofluoromethane	1.719	1.740	-1.2	102	0.00
8 T	Diethyl Ether	0.571	0.537	6.0	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	1.007	1.039	-3.2	104	0.00
10 T	Methyl Iodide	1.648	1.675	-1.6	99	0.00
11 T	Tert butyl alcohol	0.081	0.069	14.8	90	0.00
12 CM	1,1-Dichloroethene	0.947	0.960	-1.4#	100	0.00
13 T	Acrolein	0.069	0.059	14.5	89	0.00
14 T	Allyl chloride	0.693	0.640	7.6	92	0.00
15 T	Acrylonitrile	0.200	0.187	6.5	91	0.00
16 T	Acetone	0.331	0.382	-15.4	112	0.00
17 T	Carbon Disulfide	1.295	1.027	20.7	81	0.00
18 T	Methyl Acetate	0.578	0.460	20.4	95	0.00
19 T	Methyl tert-butyl Ether	1.805	1.613	10.6	89	0.00
20 T	Methylene Chloride	0.613	0.509	17.0	90	0.00
21 T	trans-1,2-Dichloroethene	0.593	0.524	11.6	90	0.00
22 T	Diisopropyl ether	1.555	1.546	0.6	99	0.00
23 T	Vinyl Acetate	1.215	1.254	-3.2	98	0.00
24 P	1,1-Dichloroethane	1.024	0.968	5.5	95	0.00
25 T	2-Butanone	0.261	0.278	-6.5	104	0.00
26 T	2,2-Dichloropropane	1.045	0.952	8.9	90	0.00
27 T	cis-1,2-Dichloroethene	0.718	0.666	7.2	92	0.00
28 T	Bromochloromethane	0.430	0.459	-6.7	104	0.00
29 T	Tetrahydrofuran	0.163	0.164	-0.6	100	0.00
30 C	Chloroform	1.270	1.152	9.3#	93	0.00
31 T	Cyclohexane	0.951	0.889	6.5	99	0.00
32 T	1,1,1-Trichloroethane	1.129	1.082	4.2	92	0.00
33 S	1,2-Dichloroethane-d4	0.818	0.779	4.8	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.447	0.402	10.1	90	0.00
36 T	1,1-Dichloropropene	0.541	0.533	1.5	95	0.00
37 T	Ethyl Acetate	0.358	0.347	3.1	96	0.00
38 T	Carbon Tetrachloride	0.633	0.581	8.2	88	0.00
39 T	Methylcyclohexane	0.688	0.690	-0.3	96	0.00
40 TM	Benzene	1.656	1.593	3.8	93	0.00
41 T	Methacrylonitrile	0.178	0.157	11.8	104	0.00
42 TM	1,2-Dichloroethane	0.590	0.597	-1.2	100	0.00
43 T	Isopropyl Acetate	0.669	0.661	1.2	97	0.00
44 TM	Trichloroethene	0.457	0.454	0.7	96	0.00
45 C	1,2-Dichloropropane	0.387	0.389	-0.5#	98	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.304	0.298	2.0	96	0.00
47 T	Bromodichloromethane	0.626	0.607	3.0	93	0.00
48 T	Methyl methacrylate	0.316	0.306	3.2	97	0.00
49 T	1,4-Dioxane	0.006	0.006	0.0	100	0.00
50 S	Toluene-d8	1.581	1.612	-2.0	91	0.00
51 T	4-Methyl-2-Pentanone	0.357	0.379	-6.2	100	0.00
52 CM	Toluene	1.073	1.095	-2.1#	95	0.00
53 T	t-1,3-Dichloropropene	0.605	0.613	-1.3	92	0.00
54 T	cis-1,3-Dichloropropene	0.655	0.650	0.8	92	0.00
55 T	1,1,2-Trichloroethane	0.413	0.411	0.5	93	0.00
56 T	Ethyl methacrylate	0.549	0.573	-4.4	96	0.00
57 T	1,3-Dichloropropane	0.659	0.669	-1.5	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.129	0.151	-17.1	98	0.00
59 T	2-Hexanone	0.247	0.272	-10.1	102	0.00
60 T	Dibromochloromethane	0.471	0.502	-6.6	94	0.00
61 T	1,2-Dibromoethane	0.432	0.455	-5.3	96	0.00
62 S	4-Bromofluorobenzene	0.531	0.576	-8.5	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.514	0.459	10.7	96	0.00
65 PM	Chlorobenzene	1.255	1.257	-0.2	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.495	0.472	4.6	93	0.00
67 C	Ethyl Benzene	2.204	2.293	-4.0#	99	0.00
68 T	m/p-Xylenes	0.839	0.889	-6.0	99	0.00
69 T	o-Xylene	0.843	0.854	-1.3	98	0.00
70 T	Styrene	1.272	1.415	-11.2	99	0.00
71 P	Bromoform	0.330	0.314	4.8	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	5.323	4.677	12.1	100	0.00
74 T	N-amyl acetate	1.339	1.125	16.0	100	0.00
75 P	1,1,2,2-Tetrachloroethane	1.294	1.071	17.2	96	0.00
76 T	1,2,3-Trichloropropane	1.200	0.924	23.0	97	0.00
77 T	Bromobenzene	1.233	1.076	12.7	96	0.00
78 T	n-propylbenzene	5.286	5.018	5.1	100	0.00
79 T	2-Chlorotoluene	3.292	2.953	10.3	99	0.00
80 T	1,3,5-Trimethylbenzene	4.187	3.950	5.7	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.333	0.297	10.8	90	0.00
82 T	4-Chlorotoluene	3.055	2.968	2.8	101	0.00
83 T	tert-Butylbenzene	3.981	3.447	13.4	99	0.00
84 T	1,2,4-Trimethylbenzene	3.829	3.894	-1.7	98	0.00
85 T	sec-Butylbenzene	4.602	4.489	2.5	99	0.00
86 T	p-Isopropyltoluene	3.956	4.010	-1.4	98	0.00
87 T	1,3-Dichlorobenzene	1.791	1.813	-1.2	97	0.00
88 T	1,4-Dichlorobenzene	1.718	1.745	-1.6	99	0.00
89 T	n-Butylbenzene	2.997	3.178	-6.0	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.832	0.667	19.8	90	0.00
91 T	1,2-Dichlorobenzene	1.672	1.734	-3.7	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.188	0.171	9.0	94	0.00
93 T	1,2,4-Trichlorobenzene	0.548	0.629	-14.8	101	0.00
94 T	Hexachlorobutadiene	0.551	0.518	6.0	101	0.00
95 T	Naphthalene	1.654	1.799	-8.8	99	0.00
96 T	1,2,3-Trichlorobenzene	0.565	0.608	-7.6	100	0.00

(#) = Out of Range

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