

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN120319\
 Data File : VN059474.D
 Acq On : 3 Dec 2019 17:31
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120319

Quant Time: Dec 03 18:05:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 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	99	0.00
2 T	Dichlorodifluoromethane	0.556	0.528	5.0	99	0.00
3 P	Chloromethane	0.746	0.716	4.0	98	0.00
4 C	Vinyl Chloride	0.447	0.432	3.4#	106	0.00
5 T	Bromomethane	0.272	0.259	4.8	103	0.00
6 T	Chloroethane	0.264	0.255	3.4	102	0.00
7 T	Trichlorofluoromethane	0.540	0.568	-5.2	109	0.00
8 T	Diethyl Ether	0.352	0.342	2.8	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.531	0.522	1.7	100	0.00
10 T	Methyl Iodide	0.672	0.680	-1.2	96	0.00
11 T	Tert butyl alcohol	0.117	0.119	-1.7	105	0.00
12 CM	1,1-Dichloroethene	0.519	0.508	2.1#	99	0.00
13 T	Acrolein	0.102	0.095	6.9	90	0.00
14 T	Allyl chloride	1.021	0.996	2.4	100	0.00
15 T	Acrylonitrile	0.317	0.311	1.9	95	0.00
16 T	Acetone	0.422	0.344	18.5	100	0.00
17 T	Carbon Disulfide	1.770	1.630	7.9	97	0.00
18 T	Methyl Acetate	0.836	0.794	5.0	96	0.00
19 T	Methyl tert-butyl Ether	1.768	1.766	0.1	99	0.00
20 T	Methylene Chloride	0.656	0.586	10.7	97	0.00
21 T	trans-1,2-Dichloroethene	0.580	0.568	2.1	100	0.00
22 T	Diisopropyl ether	1.901	1.936	-1.8	100	0.00
23 T	Vinyl Acetate	1.526	1.614	-5.8	99	0.00
24 P	1,1-Dichloroethane	1.080	1.073	0.6	99	0.00
25 T	2-Butanone	0.472	0.453	4.0	98	0.00
26 T	2,2-Dichloropropane	0.934	0.919	1.6	99	0.00
27 T	cis-1,2-Dichloroethene	0.644	0.640	0.6	101	0.00
28 T	Bromochloromethane	0.348	0.401	-15.2	94	0.00
29 T	Tetrahydrofuran	0.297	0.284	4.4	96	0.00
30 C	Chloroform	1.043	1.023	1.9#	100	0.00
31 T	Cyclohexane	1.046	1.002	4.2	98	0.00
32 T	1,1,1-Trichloroethane	0.906	0.878	3.1	98	0.00
33 S	1,2-Dichloroethane-d4	0.621	0.610	1.8	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.311	0.307	1.3	97	0.00
36 T	1,1-Dichloropropene	0.520	0.520	0.0	100	0.00
37 T	Ethyl Acetate	0.581	0.557	4.1	95	0.00
38 T	Carbon Tetrachloride	0.500	0.497	0.6	98	0.00
39 T	Methylcyclohexane	0.626	0.641	-2.4	100	0.00
40 TM	Benzene	1.524	1.528	-0.3	98	0.00
41 T	Methacrylonitrile	0.236	0.272	-15.3	110	0.00
42 TM	1,2-Dichloroethane	0.518	0.517	0.2	100	0.00
43 T	Isopropyl Acetate	0.864	0.877	-1.5	97	0.00
44 TM	Trichloroethene	0.398	0.388	2.5	98	0.00
45 C	1,2-Dichloropropane	0.407	0.409	-0.5#	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.253	0.253	0.0	99	0.00
47 T	Bromodichloromethane	0.508	0.517	-1.8	100	0.00
48 T	Methyl methacrylate	0.390	0.394	-1.0	98	0.00
49 T	1,4-Dioxane	0.006	0.007	-16.7	116	0.00
50 S	Toluene-d8	1.228	1.211	1.4	95	0.00
51 T	4-Methyl-2-Pentanone	0.513	0.532	-3.7	96	0.00
52 CM	Toluene	0.922	0.933	-1.2#	98	0.00
53 T	t-1,3-Dichloropropene	0.598	0.605	-1.2	99	0.00
54 T	cis-1,3-Dichloropropene	0.634	0.655	-3.3	100	0.00
55 T	1,1,2-Trichloroethane	0.363	0.363	0.0	97	0.00
56 T	Ethyl methacrylate	0.528	0.573	-8.5	99	0.00
57 T	1,3-Dichloropropane	0.628	0.632	-0.6	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.169	0.184	-8.9	98	0.00
59 T	2-Hexanone	0.386	0.403	-4.4	95	0.00
60 T	Dibromochloromethane	0.388	0.395	-1.8	99	0.00
61 T	1,2-Dibromoethane	0.375	0.374	0.3	96	0.00
62 S	4-Bromofluorobenzene	0.429	0.436	-1.6	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.425	0.395	7.1	97	0.00
65 PM	Chlorobenzene	1.093	1.068	2.3	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.393	0.395	-0.5	99	0.00
67 C	Ethyl Benzene	1.915	1.955	-2.1#	98	0.00
68 T	m/p-Xylenes	0.713	0.733	-2.8	97	0.00
69 T	o-Xylene	0.679	0.696	-2.5	98	0.00
70 T	Styrene	1.084	1.134	-4.6	98	0.00
71 P	Bromoform	0.306	0.312	-2.0	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	4.010	3.901	2.7	97	0.00
74 T	N-amyl acetate	1.615	1.639	-1.5	97	0.00
75 P	1,1,2,2-Tetrachloroethane	1.286	1.236	3.9	96	0.00
76 T	1,2,3-Trichloropropane	1.243	1.184	4.7	104	0.00
77 T	Bromobenzene	1.002	0.943	5.9	98	0.00
78 T	n-propylbenzene	4.666	4.627	0.8	97	0.00
79 T	2-Chlorotoluene	2.813	2.690	4.4	97	0.00
80 T	1,3,5-Trimethylbenzene	3.351	3.340	0.3	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.474	0.465	1.9	97	0.00
82 T	4-Chlorotoluene	2.902	2.808	3.2	98	0.00
83 T	tert-Butylbenzene	2.909	2.838	2.4	98	0.00
84 T	1,2,4-Trimethylbenzene	3.275	3.345	-2.1	99	0.00
85 T	sec-Butylbenzene	3.856	3.824	0.8	97	0.00
86 T	p-Isopropyltoluene	3.455	3.479	-0.7	98	0.00
87 T	1,3-Dichlorobenzene	1.767	1.714	3.0	100	0.00
88 T	1,4-Dichlorobenzene	1.782	1.703	4.4	100	0.00
89 T	n-Butylbenzene	3.096	3.055	1.3	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.666	0.629	5.6	97	0.00
91 T	1,2-Dichlorobenzene	1.694	1.645	2.9	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.303	0.256	15.5	100	0.00
93 T	1,2,4-Trichlorobenzene	1.034	1.019	1.5	108	0.00
94 T	Hexachlorobutadiene	0.659	0.594	9.9	98	0.00
95 T	Naphthalene	3.006	2.664	11.4	107	0.00
96 T	1,2,3-Trichlorobenzene	1.108	1.021	7.9	111	0.00

(#) = Out of Range

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