

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121319\
 Data File : VN059594.D
 Acq On : 13 Dec 2019 19:18
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121319

Quant Time: Dec 13 23:30:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 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	106	0.00
2 T	Dichlorodifluoromethane	0.646	0.610	5.6	108	0.00
3 P	Chloromethane	1.025	0.956	6.7	104	0.00
4 C	Vinyl Chloride	0.972	0.935	3.8#	108	0.00
5 T	Bromomethane	0.565	0.546	3.4	107	0.00
6 T	Chloroethane	0.546	0.505	7.5	104	0.00
7 T	Trichlorofluoromethane	1.067	1.063	0.4	105	0.00
8 T	Diethyl Ether	0.333	0.333	0.0	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.538	0.519	3.5	108	0.00
10 T	Methyl Iodide	0.712	0.718	-0.8	108	0.00
11 T	Tert butyl alcohol	0.133	0.113	15.0	97	0.00
12 CM	1,1-Dichloroethene	0.524	0.496	5.3#	105	0.00
13 T	Acrolein	0.095	0.089	6.3	96	0.00
14 T	Allyl chloride	1.077	1.002	7.0	106	0.00
15 T	Acrylonitrile	0.323	0.323	0.0	108	0.00
16 T	Acetone	0.432	0.376	13.0	96	0.00
17 T	Carbon Disulfide	1.801	1.567	13.0	106	0.00
18 T	Methyl Acetate	0.905	0.853	5.7	108	0.00
19 T	Methyl tert-butyl Ether	1.852	1.822	1.6	107	0.00
20 T	Methylene Chloride	0.624	0.587	5.9	106	0.00
21 T	trans-1,2-Dichloroethene	0.585	0.558	4.6	107	0.00
22 T	Diisopropyl ether	1.985	1.979	0.3	107	0.00
23 T	Vinyl Acetate	1.558	1.542	1.0	101	0.00
24 P	1,1-Dichloroethane	1.124	1.106	1.6	107	0.00
25 T	2-Butanone	0.517	0.497	3.9	104	0.00
26 T	2,2-Dichloropropane	1.022	0.991	3.0	106	0.00
27 T	cis-1,2-Dichloroethene	0.648	0.644	0.6	107	0.00
28 T	Bromochloromethane	0.386	0.383	0.8	88	0.00
29 T	Tetrahydrofuran	0.315	0.306	2.9	107	0.00
30 C	Chloroform	1.107	1.084	2.1#	107	0.00
31 T	Cyclohexane	1.062	1.009	5.0	108	0.00
32 T	1,1,1-Trichloroethane	0.998	0.973	2.5	107	0.00
33 S	1,2-Dichloroethane-d4	0.728	0.694	4.7	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35 S	Dibromofluoromethane	0.313	0.296	5.4	102	0.00
36 T	1,1-Dichloropropene	0.521	0.528	-1.3	110	0.00
37 T	Ethyl Acetate	0.606	0.600	1.0	110	0.00
38 T	Carbon Tetrachloride	0.541	0.536	0.9	109	0.00
39 T	Methylcyclohexane	0.591	0.609	-3.0	109	0.00
40 TM	Benzene	1.524	1.511	0.9	107	0.00
41 T	Methacrylonitrile	0.250	0.268	-7.2	113	0.00
42 TM	1,2-Dichloroethane	0.584	0.575	1.5	105	0.00
43 T	Isopropyl Acetate	0.942	0.959	-1.8	109	0.00
44 TM	Trichloroethene	0.399	0.394	1.3	109	0.00
45 C	1,2-Dichloropropane	0.411	0.411	0.0	109	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.270	0.264	2.2	107	0.00
47 T	Bromodichloromethane	0.537	0.541	-0.7	108	0.00
48 T	Methyl methacrylate	0.427	0.429	-0.5	107	0.00
49 T	1,4-Dioxane	0.006	0.005	16.7	84	0.00
50 S	Toluene-d8	1.239	1.204	2.8	102	0.00
51 T	4-Methyl-2-Pentanone	0.562	0.591	-5.2	107	0.00
52 CM	Toluene	0.936	0.932	0.4#	108	0.00
53 T	t-1,3-Dichloropropene	0.622	0.624	-0.3	107	0.00
54 T	cis-1,3-Dichloropropene	0.653	0.654	-0.2	106	0.00
55 T	1,1,2-Trichloroethane	0.367	0.367	0.0	107	0.00
56 T	Ethyl methacrylate	0.545	0.581	-6.6	107	0.00
57 T	1,3-Dichloropropane	0.640	0.642	-0.3	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.173	0.138	20.2	67	0.00
59 T	2-Hexanone	0.443	0.468	-5.6	106	0.00
60 T	Dibromochloromethane	0.401	0.407	-1.5	107	0.00
61 T	1,2-Dibromoethane	0.390	0.392	-0.5	109	0.00
62 S	4-Bromofluorobenzene	0.452	0.439	2.9	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.466	0.484	-3.9	120	0.00
65 PM	Chlorobenzene	1.082	1.065	1.6	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.411	0.404	1.7	107	0.00
67 C	Ethyl Benzene	1.953	1.972	-1.0#	108	0.00
68 T	m/p-Xylenes	0.721	0.733	-1.7	109	0.00
69 T	o-Xylene	0.686	0.701	-2.2	109	0.00
70 T	Styrene	1.102	1.139	-3.4	107	0.00
71 P	Bromoform	0.309	0.320	-3.6	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.925	3.889	0.9	108	0.00
74 T	N-amyl acetate	1.800	1.837	-2.1	107	0.00
75 P	1,1,2,2-Tetrachloroethane	1.245	1.198	3.8	105	0.00
76 T	1,2,3-Trichloropropane	1.238	1.200	3.1	108	0.00
77 T	Bromobenzene	0.965	0.914	5.3	107	0.00
78 T	n-propylbenzene	4.640	4.659	-0.4	109	0.00
79 T	2-Chlorotoluene	2.806	2.735	2.5	109	0.00
80 T	1,3,5-Trimethylbenzene	3.322	3.331	-0.3	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.501	0.484	3.4	107	0.00
82 T	4-Chlorotoluene	2.873	2.850	0.8	109	0.00
83 T	tert-Butylbenzene	2.813	2.779	1.2	110	0.00
84 T	1,2,4-Trimethylbenzene	3.303	3.353	-1.5	109	0.00
85 T	sec-Butylbenzene	3.742	3.817	-2.0	110	0.00
86 T	p-Isopropyltoluene	3.389	3.480	-2.7	111	0.00
87 T	1,3-Dichlorobenzene	1.775	1.697	4.4	108	0.00
88 T	1,4-Dichlorobenzene	1.790	1.676	6.4	108	0.00
89 T	n-Butylbenzene	3.177	3.209	-1.0	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.641	0.642	-0.2	109	0.00
91 T	1,2-Dichlorobenzene	1.750	1.663	5.0	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.367	0.293	20.2	106	0.00
93 T	1,2,4-Trichlorobenzene	1.130	1.023	9.5	107	0.00
94 T	Hexachlorobutadiene	0.605	0.523	13.6	110	0.00
95 T	Naphthalene	3.374	3.015	10.6	106	0.00
96 T	1,2,3-Trichlorobenzene	1.143	0.977	14.5	106	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5