

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN120919\
 Data File : VN059535.D
 Acq On : 9 Dec 2019 18:25
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120919

Quant Time: Dec 10 02:12:43 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	102	0.00
2 T	Dichlorodifluoromethane	0.577	0.501	13.2	103	0.00
3 P	Chloromethane	0.873	0.762	12.7	103	0.00
4 C	Vinyl Chloride	0.860	0.775	9.9#	105	0.00
5 T	Bromomethane	0.524	0.462	11.8	106	0.00
6 T	Chloroethane	0.514	0.455	11.5	106	0.00
7 T	Trichlorofluoromethane	1.029	0.946	8.1	108	0.00
8 T	Diethyl Ether	0.353	0.389	-10.2	141	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.535	0.458	14.4	105	0.00
10 T	Methyl Iodide	0.725	0.629	13.2	107	0.00
11 T	Tert butyl alcohol	0.116	0.106	8.6	114	0.00
12 CM	1,1-Dichloroethene	0.520	0.451	13.3#	110	0.00
13 T	Acrolein	0.056	0.077	-37.5#	237#	0.00
14 T	Allyl chloride	1.001	0.907	9.4	107	0.00
15 T	Acrylonitrile	0.305	0.291	4.6	110	0.00
16 T	Acetone	0.326	0.266	18.4	106	0.00
17 T	Carbon Disulfide	1.938	1.473	24.0	105	0.00
18 T	Methyl Acetate	0.857	0.760	11.3	109	0.00
19 T	Methyl tert-butyl Ether	1.730	1.629	5.8	107	0.00
20 T	Methylene Chloride	0.664	0.529	20.3	106	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.506	9.5	108	0.00
22 T	Diisopropyl ether	1.906	1.797	5.7	108	0.00
23 T	Vinyl Acetate	1.590	1.562	1.8	108	0.00
24 P	1,1-Dichloroethane	1.082	0.990	8.5	107	0.00
25 T	2-Butanone	0.439	0.414	5.7	107	0.00
26 T	2,2-Dichloropropane	0.978	0.877	10.3	105	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.575	8.4	107	0.00
28 T	Bromochloromethane	0.344	0.431	-25.3#	122	0.00
29 T	Tetrahydrofuran	0.306	0.277	9.5	107	0.00
30 C	Chloroform	1.068	0.973	8.9#	106	0.00
31 T	Cyclohexane	1.053	0.909	13.7	106	0.00
32 T	1,1,1-Trichloroethane	0.947	0.866	8.6	106	0.00
33 S	1,2-Dichloroethane-d4	0.699	0.691	1.1	114	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.298	0.301	-1.0	116	0.00
36 T	1,1-Dichloropropene	0.513	0.457	10.9	107	0.00
37 T	Ethyl Acetate	0.533	0.508	4.7	106	0.00
38 T	Carbon Tetrachloride	0.506	0.457	9.7	106	0.00
39 T	Methylcyclohexane	0.575	0.526	8.5	105	0.00
40 TM	Benzene	1.465	1.294	11.7	104	0.00
41 T	Methacrylonitrile	0.249	0.230	7.6	101	0.00
42 TM	1,2-Dichloroethane	0.546	0.507	7.1	107	0.00
43 T	Isopropyl Acetate	0.886	0.816	7.9	106	0.00
44 TM	Trichloroethene	0.370	0.328	11.4	106	0.00
45 C	1,2-Dichloropropane	0.388	0.350	9.8#	105	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.257	0.228	11.3	107	0.00
47 T	Bromodichloromethane	0.510	0.464	9.0	105	0.00
48 T	Methyl methacrylate	0.387	0.368	4.9	108	0.00
49 T	1,4-Dioxane	0.005	0.005	0.0	111	0.00
50 S	Toluene-d8	1.218	1.160	4.8	115	0.00
51 T	4-Methyl-2-Pentanone	0.512	0.500	2.3	106	0.00
52 CM	Toluene	0.873	0.802	8.1#	107	0.00
53 T	t-1,3-Dichloropropene	0.594	0.543	8.6	106	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.566	6.9	106	0.00
55 T	1,1,2-Trichloroethane	0.353	0.339	4.0	114	0.00
56 T	Ethyl methacrylate	0.519	0.492	5.2	108	0.00
57 T	1,3-Dichloropropane	0.603	0.553	8.3	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.125	13.8	184#	0.00
59 T	2-Hexanone	0.385	0.376	2.3	105	0.00
60 T	Dibromochloromethane	0.383	0.348	9.1	105	0.00
61 T	1,2-Dibromoethane	0.368	0.332	9.8	106	0.00
62 S	4-Bromofluorobenzene	0.451	0.425	5.8	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.365	0.334	8.5	106	0.00
65 PM	Chlorobenzene	1.048	1.010	3.6	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.411	-5.1	109	0.00
67 C	Ethyl Benzene	1.885	2.011	-6.7#	108	0.00
68 T	m/p-Xylenes	0.707	0.733	-3.7	98	0.00
69 T	o-Xylene	0.658	0.621	5.6	88	0.00
70 T	Styrene	1.091	1.014	7.1	87	0.00
71 P	Bromoform	0.307	0.288	6.2	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.751	3.472	7.4	98	0.00
74 T	N-amyl acetate	1.634	1.589	2.8	95	0.00
75 P	1,1,2,2-Tetrachloroethane	1.271	1.115	12.3	89	0.00
76 T	1,2,3-Trichloropropane	1.279	1.114	12.9	93	0.00
77 T	Bromobenzene	0.934	0.817	12.5	87	0.00
78 T	n-propylbenzene	4.609	4.180	9.3	91	0.00
79 T	2-Chlorotoluene	2.748	2.420	11.9	91	0.00
80 T	1,3,5-Trimethylbenzene	3.216	2.933	8.8	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.475	0.435	8.4	96	0.00
82 T	4-Chlorotoluene	2.810	2.538	9.7	89	0.00
83 T	tert-Butylbenzene	2.682	2.511	6.4	89	0.00
84 T	1,2,4-Trimethylbenzene	3.176	2.917	8.2	86	0.00
85 T	sec-Butylbenzene	3.684	3.426	7.0	88	0.00
86 T	p-Isopropyltoluene	3.292	3.085	6.3	86	0.00
87 T	1,3-Dichlorobenzene	1.720	1.494	13.1	84	0.00
88 T	1,4-Dichlorobenzene	1.684	1.503	10.7	84	0.00
89 T	n-Butylbenzene	3.092	2.943	4.8	91	0.00

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90 T	Hexachloroethane	0.605	0.582	3.8	90	0.00
91 T	1,2-Dichlorobenzene	1.614	1.453	10.0	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.321	0.262	18.4	90	0.00
93 T	1,2,4-Trichlorobenzene	1.116	0.974	12.7	82	0.00
94 T	Hexachlorobutadiene	0.570	0.498	12.6	77	0.00
95 T	Naphthalene	3.263	2.880	11.7	86	0.00
96 T	1,2,3-Trichlorobenzene	1.149	0.955	16.9	83	0.00

(#) = Out of Range

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