

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU082919\
 Data File : VU034023.D
 Acq On : 28 Aug 2019 14:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 29 04:30:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	108	0.00
2 T	Dichlorodifluoromethane	0.503	0.516	-2.6	97	0.00
3 P	Chloromethane	0.749	0.667	10.9	98	0.00
4 C	Vinyl Chloride	0.669	0.651	2.7#	97	0.00
5 T	Bromomethane	0.351	0.305	13.1	91	0.00
6 T	Chloroethane	0.409	0.380	7.1	96	0.00
7 T	Trichlorofluoromethane	0.775	0.751	3.1	96	0.00
8 T	Diethyl Ether	0.332	0.330	0.6	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.491	0.484	1.4	99	0.00
10 T	Methyl Iodide	0.697	0.659	5.5	91	0.00
11 T	Tert butyl alcohol	0.148	0.141	4.7	97	0.00
12 CM	1,1-Dichloroethene	0.501	0.489	2.4#	98	0.00
13 T	Acrolein	0.062	0.058	6.5	97	0.00
14 T	Allyl chloride	0.941	0.934	0.7	99	0.00
15 T	Acrylonitrile	0.339	0.335	1.2	96	0.00
16 T	Acetone	0.327	0.328	-0.3	101	0.00
17 T	Carbon Disulfide	1.584	1.503	5.1	97	0.00
18 T	Methyl Acetate	0.845	0.771	8.8	98	0.00
19 T	Methyl tert-butyl Ether	1.640	1.669	-1.8	98	0.00
20 T	Methylene Chloride	0.619	0.579	6.5	97	0.00
21 T	trans-1,2-Dichloroethene	0.543	0.529	2.6	97	0.00
22 T	Diisopropyl ether	1.725	1.736	-0.6	98	0.00
23 T	Vinyl Acetate	1.481	1.524	-2.9	97	0.00
24 P	1,1-Dichloroethane	1.018	0.996	2.2	97	0.00
25 T	2-Butanone	0.455	0.466	-2.4	97	0.00
26 T	2,2-Dichloropropane	0.828	0.821	0.8	98	0.00
27 T	cis-1,2-Dichloroethene	0.610	0.599	1.8	98	0.00
28 T	Bromochloromethane	0.502	0.490	2.4	97	0.00
29 T	Tetrahydrofuran	0.280	0.284	-1.4	96	0.00
30 C	Chloroform	1.016	0.960	5.5#	98	0.00
31 T	Cyclohexane	0.957	0.902	5.7	96	0.00
32 T	1,1,1-Trichloroethane	0.832	0.807	3.0	97	0.00
33 S	1,2-Dichloroethane-d4	0.641	0.602	6.1	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.347	0.322	7.2	96	0.00
36 T	1,1-Dichloropropene	0.473	0.472	0.2	100	0.00
37 T	Ethyl Acetate	0.530	0.522	1.5	95	0.00
38 T	Carbon Tetrachloride	0.457	0.448	2.0	98	0.00
39 T	Methylcyclohexane	0.557	0.575	-3.2	100	0.00
40 TM	Benzene	1.431	1.403	2.0	97	0.00
41 T	Methacrylonitrile	0.272	0.285	-4.8	98	0.00
42 TM	1,2-Dichloroethane	0.494	0.478	3.2	96	0.00
43 T	Isopropyl Acetate	0.806	0.824	-2.2	99	0.00
44 TM	Trichloroethene	0.376	0.373	0.8	100	0.00
45 C	1,2-Dichloropropane	0.394	0.394	0.0	98	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.254	0.251	1.2	98	0.00
47 T	Bromodichloromethane	0.496	0.489	1.4	98	0.00
48 T	Methyl methacrylate	0.389	0.397	-2.1	96	0.00
49 T	1,4-Dioxane	0.010	0.010	0.0	97	0.00
50 S	Toluene-d8	1.299	1.269	2.3	96	0.00
51 T	4-Methyl-2-Pentanone	0.556	0.556	0.0	97	0.00
52 CM	Toluene	0.881	0.896	-1.7#	99	0.00
53 T	t-1,3-Dichloropropene	0.551	0.560	-1.6	99	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.611	-1.5	99	0.00
55 T	1,1,2-Trichloroethane	0.373	0.361	3.2	96	0.00
56 T	Ethyl methacrylate	0.557	0.584	-4.8	100	0.00
57 T	1,3-Dichloropropane	0.633	0.623	1.6	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.206	0.212	-2.9	88	0.00
59 T	2-Hexanone	0.420	0.433	-3.1	98	0.00
60 T	Dibromochloromethane	0.400	0.399	0.3	100	0.00
61 T	1,2-Dibromoethane	0.393	0.381	3.1	97	0.00
62 S	4-Bromofluorobenzene	0.505	0.487	3.6	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.336	0.342	-1.8	101	0.00
65 PM	Chlorobenzene	1.029	1.022	0.7	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.371	0.5	100	0.00
67 C	Ethyl Benzene	1.744	1.796	-3.0#	99	0.00
68 T	m/p-Xylenes	0.663	0.695	-4.8	100	0.00
69 T	o-Xylene	0.636	0.669	-5.2	100	0.00
70 T	Styrene	1.091	1.161	-6.4	99	0.00
71 P	Bromoform	0.324	0.319	1.5	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.358	3.509	-4.5	100	0.00
74 T	N-amyl acetate	1.413	1.513	-7.1	98	0.00
75 P	1,1,2,2-Tetrachloroethane	1.285	1.219	5.1	97	0.00
76 T	1,2,3-Trichloropropane	1.127	1.054	6.5	91	0.00
77 T	Bromobenzene	0.903	0.895	0.9	99	0.00
78 T	n-propylbenzene	3.911	4.118	-5.3	101	0.00
79 T	2-Chlorotoluene	2.346	2.413	-2.9	100	0.00
80 T	1,3,5-Trimethylbenzene	2.847	3.021	-6.1	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.335	0.334	0.3	100	0.00
82 T	4-Chlorotoluene	2.698	2.775	-2.9	100	0.00
83 T	tert-Butylbenzene	2.802	2.910	-3.9	100	0.00
84 T	1,2,4-Trimethylbenzene	2.827	3.008	-6.4	99	0.00
85 T	sec-Butylbenzene	3.359	3.533	-5.2	100	0.00
86 T	p-Isopropyltoluene	3.038	3.263	-7.4	100	0.00
87 T	1,3-Dichlorobenzene	1.599	1.609	-0.6	100	0.00
88 T	1,4-Dichlorobenzene	1.618	1.593	1.5	99	0.00
89 T	n-Butylbenzene	2.678	2.914	-8.8	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.525	0.512	2.5	97	0.00
91 T	1,2-Dichlorobenzene	1.532	1.549	-1.1	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.256	0.251	2.0	94	0.00
93 T	1,2,4-Trichlorobenzene	0.937	1.063	-13.4	97	0.00
94 T	Hexachlorobutadiene	0.599	0.615	-2.7	101	0.00
95 T	Naphthalene	2.584	2.955	-14.4	96	0.00
96 T	1,2,3-Trichlorobenzene	0.981	1.044	-6.4	98	0.00

(#) = Out of Range

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