

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU121518\
 Data File : VU028707.D
 Acq On : 15 Dec 2018 00:54
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 15 02:51:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 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	69	0.00
2 T	Dichlorodifluoromethane	0.670	0.639	4.6	66	0.00
3 P	Chloromethane	1.232	1.088	11.7	64	0.00
4 C	Vinyl Chloride	0.889	0.853	4.0#	67	0.00
5 T	Bromomethane	0.358	0.415	-15.9	87	-0.02
6 T	Chloroethane	0.503	0.493	2.0	67	-0.01
7 T	Trichlorofluoromethane	0.936	0.944	-0.9	72	0.00
8 T	Diethyl Ether	0.438	0.416	5.0	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.560	0.553	1.3	70	0.00
10 T	Methyl Iodide	0.439	0.573	-30.5#	88	0.00
11 T	Tert butyl alcohol	0.170	0.183	-7.6	75	0.00
12 CM	1,1-Dichloroethene	0.557	0.552	0.9#	70	0.00
13 T	Acrolein	0.136	0.136	0.0	69	0.00
14 T	Allyl chloride	1.317	1.420	-7.8	79	0.00
15 T	Acrylonitrile	0.472	0.520	-10.2	76	0.00
16 T	Acetone	0.498	0.415	16.7	62	0.00
17 T	Carbon Disulfide	2.005	1.841	8.2	66	0.00
18 T	Methyl Acetate	1.291	1.574	-21.9#	84	0.00
19 T	Methyl tert-butyl Ether	2.110	2.155	-2.1	71	0.00
20 T	Methylene Chloride	0.734	0.691	5.9	71	0.00
21 T	trans-1,2-Dichloroethene	0.627	0.599	4.5	67	0.00
22 T	Diisopropyl ether	2.561	2.744	-7.1	74	0.00
23 T	Vinyl Acetate	2.112	2.258	-6.9	73	0.00
24 P	1,1-Dichloroethane	1.341	1.352	-0.8	72	0.00
25 T	2-Butanone	0.680	0.706	-3.8	71	0.00
26 T	2,2-Dichloropropane	1.062	0.909	14.4	61	0.00
27 T	cis-1,2-Dichloroethene	0.709	0.704	0.7	70	0.00
28 T	Bromochloromethane	0.609	0.703	-15.4	80	0.00
29 T	Tetrahydrofuran	0.437	0.490	-12.1	76	0.00
30 C	Chloroform	1.168	1.231	-5.4#	74	0.00
31 T	Cyclohexane	1.573	1.274	19.0	68	0.00
32 T	1,1,1-Trichloroethane	0.970	0.995	-2.6	72	0.00
33 S	1,2-Dichloroethane-d4	0.763	0.830	-8.8	79	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35 S	Dibromofluoromethane	0.315	0.348	-10.5	78	0.00
36 T	1,1-Dichloropropene	0.547	0.534	2.4	68	0.00
37 T	Ethyl Acetate	0.707	0.759	-7.4	72	0.00
38 T	Carbon Tetrachloride	0.441	0.473	-7.3	75	0.00
39 T	Methylcyclohexane	0.668	0.625	6.4	66	0.00
40 TM	Benzene	1.611	1.657	-2.9	71	0.00
41 T	Methacrylonitrile	0.387	0.446	-15.2	77	0.00
42 TM	1,2-Dichloroethane	0.564	0.595	-5.5	73	0.00
43 T	Isopropyl Acetate	1.119	1.242	-11.0	75	0.00
44 TM	Trichloroethene	0.358	0.363	-1.4	71	0.00
45 C	1,2-Dichloropropane	0.453	0.494	-9.1#	73	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.269	0.286	-6.3	73	0.00
47 T	Bromodichloromethane	0.523	0.553	-5.7	73	0.00
48 T	Methyl methacrylate	0.556	0.612	-10.1	73	0.00
49 T	1,4-Dioxane	0.009	0.010	-11.1	77	0.00
50 S	Toluene-d8	1.245	1.352	-8.6	76	0.00
51 T	4-Methyl-2-Pentanone	0.706	0.802	-13.6	77	0.00
52 CM	Toluene	0.948	0.970	-2.3#	70	0.00
53 T	t-1,3-Dichloropropene	0.623	0.640	-2.7	70	0.00
54 T	cis-1,3-Dichloropropene	0.676	0.683	-1.0	69	0.00
55 T	1,1,2-Trichloroethane	0.375	0.400	-6.7	71	0.00
56 T	Ethyl methacrylate	0.642	0.695	-8.3	72	0.00
57 T	1,3-Dichloropropane	0.696	0.730	-4.9	73	0.00
58 T	2-Chloroethyl Vinyl ether	0.329	0.367	-11.6	76	0.00
59 T	2-Hexanone	0.559	0.619	-10.7	76	0.00
60 T	Dibromochloromethane	0.367	0.390	-6.3	74	0.00
61 T	1,2-Dibromoethane	0.393	0.424	-7.9	72	0.00
62 S	4-Bromofluorobenzene	0.465	0.505	-8.6	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
64 T	Tetrachloroethene	0.334	0.327	2.1	71	0.00
65 PM	Chlorobenzene	1.065	1.056	0.8	71	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.369	-8.5	75	0.00
67 C	Ethyl Benzene	1.959	1.947	0.6#	70	0.00
68 T	m/p-Xylenes	0.713	0.718	-0.7	70	0.00
69 T	o-Xylene	0.693	0.692	0.1	70	0.00
70 T	Styrene	1.146	1.162	-1.4	71	0.00
71 P	Bromoform	0.289	0.318	-10.0	75	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
73 T	Isopropylbenzene	3.837	3.760	2.0	71	0.00
74 T	N-amyl acetate	2.213	2.369	-7.0	77	0.00
75 P	1,1,2,2-Tetrachloroethane	1.474	1.592	-8.0	77	0.00
76 T	1,2,3-Trichloropropane	1.277	1.445	-13.2	79	0.00
77 T	Bromobenzene	0.897	0.877	2.2	70	0.00
78 T	n-propylbenzene	4.767	4.657	2.3	70	0.00
79 T	2-Chlorotoluene	2.746	2.761	-0.5	72	0.00
80 T	1,3,5-Trimethylbenzene	3.176	3.200	-0.8	71	0.00
81 T	trans-1,4-Dichloro-2-butene	0.550	0.548	0.4	82	0.00
82 T	4-Chlorotoluene	3.254	3.196	1.8	72	0.00
83 T	tert-Butylbenzene	3.061	2.975	2.8	70	0.00
84 T	1,2,4-Trimethylbenzene	3.273	3.257	0.5	71	0.00
85 T	sec-Butylbenzene	3.933	3.849	2.1	70	0.00
86 T	p-Isopropyltoluene	3.341	3.218	3.7	69	0.00
87 T	1,3-Dichlorobenzene	1.694	1.641	3.1	71	0.00
88 T	1,4-Dichlorobenzene	1.753	1.651	5.8	71	0.00
89 T	n-Butylbenzene	3.381	3.183	5.9	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.505	0.532	-5.3	75	0.00
91 T	1,2-Dichlorobenzene	1.695	1.660	2.1	72	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.319	0.347	-8.8	75	0.00
93 T	1,2,4-Trichlorobenzene	1.215	1.078	11.3	67	0.00
94 T	Hexachlorobutadiene	0.555	0.509	8.3	68	0.00
95 T	Naphthalene	4.067	3.833	5.8	69	0.00
96 T	1,2,3-Trichlorobenzene	1.222	1.102	9.8	68	0.00

(#) = Out of Range

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