

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028575.D
 Acq On : 11 Dec 2018 01:14
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 04:35:53 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	79	0.00
2 T	Dichlorodifluoromethane	0.670	0.669	0.1	78	0.00
3 P	Chloromethane	1.232	1.198	2.8	80	0.00
4 C	Vinyl Chloride	0.889	0.889	0.0	79	0.00
5 T	Bromomethane	0.358	0.369	-3.1	88	-0.01
6 T	Chloroethane	0.503	0.508	-1.0	78	0.00
7 T	Trichlorofluoromethane	0.936	0.950	-1.5	82	0.00
8 T	Diethyl Ether	0.438	0.419	4.3	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.560	0.561	-0.2	81	0.00
10 T	Methyl Iodide	0.439	0.509	-15.9	89	0.00
11 T	Tert butyl alcohol	0.170	0.207	-21.8#	97	0.00
12 CM	1,1-Dichloroethene	0.557	0.561	-0.7#	81	0.00
13 T	Acrolein	0.136	0.134	1.5	78	0.00
14 T	Allyl chloride	1.317	1.293	1.8	82	0.00
15 T	Acrylonitrile	0.472	0.530	-12.3	88	0.00
16 T	Acetone	0.498	0.436	12.4	74	0.00
17 T	Carbon Disulfide	2.005	1.926	3.9	79	0.00
18 T	Methyl Acetate	1.291	1.490	-15.4	90	0.00
19 T	Methyl tert-butyl Ether	2.110	2.190	-3.8	82	0.00
20 T	Methylene Chloride	0.734	0.711	3.1	83	0.00
21 T	trans-1,2-Dichloroethene	0.627	0.610	2.7	78	0.00
22 T	Diisopropyl ether	2.561	2.760	-7.8	84	0.00
23 T	Vinyl Acetate	2.112	2.272	-7.6	83	0.00
24 P	1,1-Dichloroethane	1.341	1.371	-2.2	83	0.00
25 T	2-Butanone	0.680	0.731	-7.5	84	0.00
26 T	2,2-Dichloropropane	1.062	0.924	13.0	71	0.00
27 T	cis-1,2-Dichloroethene	0.709	0.699	1.4	79	0.00
28 T	Bromochloromethane	0.609	0.705	-15.8	91	0.00
29 T	Tetrahydrofuran	0.437	0.504	-15.3	89	0.00
30 C	Chloroform	1.168	1.198	-2.6#	82	0.00
31 T	Cyclohexane	1.573	1.356	13.8	83	0.00
32 T	1,1,1-Trichloroethane	0.970	1.003	-3.4	82	0.00
33 S	1,2-Dichloroethane-d4	0.763	0.795	-4.2	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.315	0.321	-1.9	84	0.00
36 T	1,1-Dichloropropene	0.547	0.538	1.6	79	0.00
37 T	Ethyl Acetate	0.707	0.767	-8.5	85	0.00
38 T	Carbon Tetrachloride	0.441	0.452	-2.5	83	0.00
39 T	Methylcyclohexane	0.668	0.637	4.6	79	0.00
40 TM	Benzene	1.611	1.633	-1.4	81	0.00
41 T	Methacrylonitrile	0.387	0.438	-13.2	88	0.00
42 TM	1,2-Dichloroethane	0.564	0.578	-2.5	83	0.00
43 T	Isopropyl Acetate	1.119	1.236	-10.5	87	0.00
44 TM	Trichloroethene	0.358	0.362	-1.1	83	0.00
45 C	1,2-Dichloropropane	0.453	0.485	-7.1#	83	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.269	0.277	-3.0	82	0.00
47 T	Bromodichloromethane	0.523	0.541	-3.4	83	0.00
48 T	Methyl methacrylate	0.556	0.617	-11.0	86	0.00
49 T	1,4-Dioxane	0.009	0.011	-22.2#	103	0.00
50 S	Toluene-d8	1.245	1.285	-3.2	84	0.00
51 T	4-Methyl-2-Pentanone	0.706	0.789	-11.8	88	0.00
52 CM	Toluene	0.948	0.959	-1.2#	80	0.00
53 T	t-1,3-Dichloropropene	0.623	0.620	0.5	79	0.00
54 T	cis-1,3-Dichloropropene	0.676	0.665	1.6	78	0.00
55 T	1,1,2-Trichloroethane	0.375	0.391	-4.3	81	0.00
56 T	Ethyl methacrylate	0.642	0.680	-5.9	82	0.00
57 T	1,3-Dichloropropane	0.696	0.707	-1.6	82	0.00
58 T	2-Chloroethyl Vinyl ether	0.329	0.335	-1.8	80	0.00
59 T	2-Hexanone	0.559	0.610	-9.1	87	0.00
60 T	Dibromochloromethane	0.367	0.377	-2.7	83	0.00
61 T	1,2-Dibromoethane	0.393	0.408	-3.8	81	0.00
62 S	4-Bromofluorobenzene	0.465	0.465	0.0	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.334	0.342	-2.4	85	0.00
65 PM	Chlorobenzene	1.065	1.043	2.1	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.352	-3.5	81	0.00
67 C	Ethyl Benzene	1.959	1.921	1.9#	80	0.00
68 T	m/p-Xylenes	0.713	0.710	0.4	79	0.00
69 T	o-Xylene	0.693	0.687	0.9	79	0.00
70 T	Styrene	1.146	1.150	-0.3	80	0.00
71 P	Bromoform	0.289	0.303	-4.8	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.837	3.768	1.8	80	0.00
74 T	N-amyl acetate	2.213	2.335	-5.5	85	0.00
75 P	1,1,2,2-Tetrachloroethane	1.474	1.565	-6.2	85	0.00
76 T	1,2,3-Trichloropropane	1.277	1.395	-9.2	86	0.00
77 T	Bromobenzene	0.897	0.887	1.1	80	0.00
78 T	n-propylbenzene	4.767	4.683	1.8	80	0.00
79 T	2-Chlorotoluene	2.746	2.771	-0.9	81	0.00
80 T	1,3,5-Trimethylbenzene	3.176	3.214	-1.2	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.550	0.555	-0.9	93	0.00
82 T	4-Chlorotoluene	3.254	3.165	2.7	80	0.00
83 T	tert-Butylbenzene	3.061	3.033	0.9	80	0.00
84 T	1,2,4-Trimethylbenzene	3.273	3.306	-1.0	81	0.00
85 T	sec-Butylbenzene	3.933	3.874	1.5	79	0.00
86 T	p-Isopropyltoluene	3.341	3.257	2.5	79	0.00
87 T	1,3-Dichlorobenzene	1.694	1.626	4.0	79	0.00
88 T	1,4-Dichlorobenzene	1.753	1.661	5.2	80	0.00
89 T	n-Butylbenzene	3.381	3.186	5.8	76	0.00

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90 T	Hexachloroethane	0.505	0.482	4.6	77	0.00
91 T	1,2-Dichlorobenzene	1.695	1.645	2.9	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.319	0.355	-11.3	87	0.00
93 T	1,2,4-Trichlorobenzene	1.215	1.058	12.9	75	0.00
94 T	Hexachlorobutadiene	0.555	0.488	12.1	74	0.00
95 T	Naphthalene	4.067	3.728	8.3	75	0.00
96 T	1,2,3-Trichlorobenzene	1.222	1.085	11.2	75	0.00

(#) = Out of Range

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