

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU121918\
 Data File : VU028782.D
 Acq On : 19 Dec 2018 09:49
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 05:50:23 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	107	0.00
2 T	Dichlorodifluoromethane	0.670	0.642	4.2	102	0.00
3 P	Chloromethane	1.232	1.002	18.7	91	0.00
4 C	Vinyl Chloride	0.889	0.850	4.4#	103	0.00
5 T	Bromomethane	0.358	0.423	-18.2	137	-0.02
6 T	Chloroethane	0.503	0.487	3.2	102	0.00
7 T	Trichlorofluoromethane	0.936	0.908	3.0	107	0.00
8 T	Diethyl Ether	0.438	0.425	3.0	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.560	0.598	-6.8	118	0.00
10 T	Methyl Iodide	0.439	0.589	-34.2#	141	0.00
11 T	Tert butyl alcohol	0.170	0.144	15.3	91	0.00
12 CM	1,1-Dichloroethene	0.557	0.586	-5.2#	115	0.00
13 T	Acrolein	0.136	0.116	14.7	91	0.00
14 T	Allyl chloride	1.317	1.059	19.6	91	0.00
15 T	Acrylonitrile	0.472	0.427	9.5	96	0.00
16 T	Acetone	0.498	0.422	15.3	97	0.00
17 T	Carbon Disulfide	2.005	1.942	3.1	108	0.00
18 T	Methyl Acetate	1.291	1.124	12.9	93	0.00
19 T	Methyl tert-butyl Ether	2.110	1.996	5.4	102	0.00
20 T	Methylene Chloride	0.734	0.699	4.8	111	0.00
21 T	trans-1,2-Dichloroethene	0.627	0.633	-1.0	110	0.00
22 T	Diisopropyl ether	2.561	2.226	13.1	93	0.00
23 T	Vinyl Acetate	2.112	1.801	14.7	90	0.00
24 P	1,1-Dichloroethane	1.341	1.244	7.2	102	0.00
25 T	2-Butanone	0.680	0.581	14.6	91	0.00
26 T	2,2-Dichloropropane	1.062	1.000	5.8	105	0.00
27 T	cis-1,2-Dichloroethene	0.709	0.733	-3.4	113	0.00
28 T	Bromochloromethane	0.609	0.550	9.7	97	0.00
29 T	Tetrahydrofuran	0.437	0.363	16.9	87	0.00
30 C	Chloroform	1.168	1.143	2.1#	107	0.00
31 T	Cyclohexane	1.573	1.222	22.3#	101	0.00
32 T	1,1,1-Trichloroethane	0.970	0.930	4.1	104	0.00
33 S	1,2-Dichloroethane-d4	0.763	0.684	10.4	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.315	0.356	-13.0	114	0.00
36 T	1,1-Dichloropropene	0.547	0.563	-2.9	103	0.00
37 T	Ethyl Acetate	0.707	0.627	11.3	86	0.00
38 T	Carbon Tetrachloride	0.441	0.466	-5.7	106	0.00
39 T	Methylcyclohexane	0.668	0.725	-8.5	111	0.00
40 TM	Benzene	1.611	1.767	-9.7	109	0.00
41 T	Methacrylonitrile	0.387	0.360	7.0	90	0.00
42 TM	1,2-Dichloroethane	0.564	0.552	2.1	98	0.00
43 T	Isopropyl Acetate	1.119	1.027	8.2	89	0.00
44 TM	Trichloroethene	0.358	0.413	-15.4	117	0.00
45 C	1,2-Dichloropropane	0.453	0.484	-6.8#	103	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.269	0.292	-8.6	107	0.00
47 T	Bromodichloromethane	0.523	0.549	-5.0	105	0.00
48 T	Methyl methacrylate	0.556	0.508	8.6	87	0.00
49 T	1,4-Dioxane	0.009	0.010	-11.1	114	0.00
50 S	Toluene-d8	1.245	1.415	-13.7	115	0.00
51 T	4-Methyl-2-Pentanone	0.706	0.641	9.2	89	0.00
52 CM	Toluene	0.948	1.063	-12.1#	110	0.00
53 T	t-1,3-Dichloropropene	0.623	0.657	-5.5	103	0.00
54 T	cis-1,3-Dichloropropene	0.676	0.719	-6.4	105	0.00
55 T	1,1,2-Trichloroethane	0.375	0.433	-15.5	111	0.00
56 T	Ethyl methacrylate	0.642	0.684	-6.5	102	0.00
57 T	1,3-Dichloropropane	0.696	0.745	-7.0	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.329	0.316	4.0	94	0.00
59 T	2-Hexanone	0.559	0.504	9.8	89	0.00
60 T	Dibromochloromethane	0.367	0.409	-11.4	112	0.00
61 T	1,2-Dibromoethane	0.393	0.452	-15.0	111	0.00
62 S	4-Bromofluorobenzene	0.465	0.510	-9.7	113	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.334	0.387	-15.9	119	0.00
65 PM	Chlorobenzene	1.065	1.205	-13.1	114	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.403	-18.5	115	0.00
67 C	Ethyl Benzene	1.959	2.129	-8.7#	109	0.00
68 T	m/p-Xylenes	0.713	0.813	-14.0	112	0.00
69 T	o-Xylene	0.693	0.791	-14.1	113	0.00
70 T	Styrene	1.146	1.315	-14.7	113	0.00
71 P	Bromoform	0.289	0.343	-18.7	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.837	4.041	-5.3	112	0.00
74 T	N-amyl acetate	2.213	1.866	15.7	88	0.00
75 P	1,1,2,2-Tetrachloroethane	1.474	1.558	-5.7	110	0.00
76 T	1,2,3-Trichloropropane	1.277	1.326	-3.8	106	0.00
77 T	Bromobenzene	0.897	0.998	-11.3	117	0.00
78 T	n-propylbenzene	4.767	4.916	-3.1	109	0.00
79 T	2-Chlorotoluene	2.746	2.836	-3.3	108	0.00
80 T	1,3,5-Trimethylbenzene	3.176	3.400	-7.1	111	0.00
81 T	trans-1,4-Dichloro-2-butene	0.550	0.552	-0.4	121	0.00
82 T	4-Chlorotoluene	3.254	3.319	-2.0	109	0.00
83 T	tert-Butylbenzene	3.061	3.273	-6.9	113	0.00
84 T	1,2,4-Trimethylbenzene	3.273	3.497	-6.8	112	0.00
85 T	sec-Butylbenzene	3.933	4.162	-5.8	111	0.00
86 T	p-Isopropyltoluene	3.341	3.577	-7.1	113	0.00
87 T	1,3-Dichlorobenzene	1.694	1.855	-9.5	118	0.00
88 T	1,4-Dichlorobenzene	1.753	1.859	-6.0	117	0.00
89 T	n-Butylbenzene	3.381	3.420	-1.2	106	0.00

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90 T	Hexachloroethane	0.505	0.548	-8.5	114	0.00
91 T	1,2-Dichlorobenzene	1.695	1.830	-8.0	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.319	0.305	4.4	97	0.00
93 T	1,2,4-Trichlorobenzene	1.215	1.244	-2.4	114	0.00
94 T	Hexachlorobutadiene	0.555	0.562	-1.3	111	0.00
95 T	Naphthalene	4.067	3.983	2.1	105	0.00
96 T	1,2,3-Trichlorobenzene	1.222	1.243	-1.7	112	0.00

(#) = Out of Range

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