

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU090319\
 Data File : VU034211.D
 Acq On : 02 Sep 2019 18:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 03 07:29:28 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	56	0.00
2 T	Dichlorodifluoromethane	0.503	0.333	33.8#	32#	0.00
3 P	Chloromethane	0.749	0.856	-14.3	65	0.00
4 C	Vinyl Chloride	0.669	0.712	-6.4#	54	0.00
5 T	Bromomethane	0.351	0.476	-35.6#	73	0.01
6 T	Chloroethane	0.409	0.513	-25.4#	67	0.00
7 T	Trichlorofluoromethane	0.775	0.635	18.1	42#	0.00
8 T	Diethyl Ether	0.332	0.552	-66.3#	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.491	0.359	26.9#	38#	0.00
10 T	Methyl Iodide	0.697	0.540	22.5#	38#	0.00
11 T	Tert butyl alcohol	0.148	0.236	-59.5#	83	0.00
12 CM	1,1-Dichloroethene	0.501	0.526	-5.0#	54	0.00
13 T	Acrolein	0.062	0.067	-8.1	58	0.00
14 T	Allyl chloride	0.941	1.275	-35.5#	70	0.00
15 T	Acrylonitrile	0.339	0.607	-79.1#	90	0.00
16 T	Acetone	0.327	0.498	-52.3#	79	0.00
17 T	Carbon Disulfide	1.584	1.384	12.6	46#	0.00
18 T	Methyl Acetate	0.845	1.450	-71.6#	95	0.00
19 T	Methyl tert-butyl Ether	1.640	2.872	-75.1#	87	0.00
20 T	Methylene Chloride	0.619	0.916	-48.0#	79	0.00
21 T	trans-1,2-Dichloroethene	0.543	0.630	-16.0	59	0.00
22 T	Diisopropyl ether	1.725	2.850	-65.2#	83	0.00
23 T	Vinyl Acetate	1.481	2.523	-70.4#	83	0.00
24 P	1,1-Dichloroethane	1.018	1.452	-42.6#	73	0.00
25 T	2-Butanone	0.455	0.794	-74.5#	85	0.00
26 T	2,2-Dichloropropane	0.828	0.768	7.2	47#	0.00
27 T	cis-1,2-Dichloroethene	0.610	0.848	-39.0#	72	0.00
28 T	Bromochloromethane	0.502	0.807	-60.8#	83	0.00
29 T	Tetrahydrofuran	0.280	0.511	-82.5#	89	0.00
30 C	Chloroform	1.016	1.414	-39.2#	74	0.00
31 T	Cyclohexane	0.957	0.640	33.1#	35#	0.00
32 T	1,1,1-Trichloroethane	0.832	0.906	-8.9	56	0.00
33 S	1,2-Dichloroethane-d4	0.641	0.994	-55.1#	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35 S	Dibromofluoromethane	0.347	0.435	-25.4#	79	0.00
36 T	1,1-Dichloropropene	0.473	0.357	24.5#	46#	0.00
37 T	Ethyl Acetate	0.530	0.775	-46.2#	86	0.00
38 T	Carbon Tetrachloride	0.457	0.356	22.1#	47#	0.00
39 T	Methylcyclohexane	0.557	0.314	43.6#	33#	0.00
40 TM	Benzene	1.431	1.543	-7.8	66	0.00
41 T	Methacrylonitrile	0.272	0.422	-55.1#	88	0.00
42 TM	1,2-Dichloroethane	0.494	0.652	-32.0#	80	0.00
43 T	Isopropyl Acetate	0.806	1.185	-47.0#	87	0.00
44 TM	Trichloroethene	0.376	0.353	6.1	58	0.00
45 C	1,2-Dichloropropane	0.394	0.488	-23.9#	74	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.254	0.333	-31.1#	80	0.00
47 T	Bromodichloromethane	0.496	0.621	-25.2#	76	0.00
48 T	Methyl methacrylate	0.389	0.563	-44.7#	83	0.00
49 T	1,4-Dioxane	0.010	0.012	-20.0	75	0.00
50 S	Toluene-d8	1.299	1.281	1.4	59	0.00
51 T	4-Methyl-2-Pentanone	0.556	0.812	-46.0#	87	0.00
52 CM	Toluene	0.881	0.842	4.4#	57	0.00
53 T	t-1,3-Dichloropropene	0.551	0.656	-19.1	71	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.706	-17.3	70	0.00
55 T	1,1,2-Trichloroethane	0.373	0.485	-30.0#	79	0.00
56 T	Ethyl methacrylate	0.557	0.772	-38.6#	81	0.00
57 T	1,3-Dichloropropane	0.633	0.815	-28.8#	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.206	0.287	-39.3#	73	0.00
59 T	2-Hexanone	0.420	0.613	-46.0#	85	0.00
60 T	Dibromochloromethane	0.400	0.509	-27.2#	78	0.00
61 T	1,2-Dibromoethane	0.393	0.501	-27.5#	78	0.00
62 S	4-Bromofluorobenzene	0.505	0.481	4.8	61	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	63	0.00
64 T	Tetrachloroethene	0.336	0.279	17.0	48#	0.00
65 PM	Chlorobenzene	1.029	1.017	1.2	58	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.420	-12.6	67	0.00
67 C	Ethyl Benzene	1.744	1.493	14.4#	48#	0.00
68 T	m/p-Xylenes	0.663	0.582	12.2	49#	0.00
69 T	o-Xylene	0.636	0.605	4.9	53	0.00
70 T	Styrene	1.091	1.126	-3.2	56	0.00
71 P	Bromoform	0.324	0.430	-32.7#	78	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	0.00
73 T	Isopropylbenzene	3.358	2.759	17.8	44#	0.00
74 T	N-amyl acetate	1.413	2.092	-48.1#	77	0.00
75 P	1,1,2,2-Tetrachloroethane	1.285	1.834	-42.7#	82	0.00
76 T	1,2,3-Trichloropropane	1.127	1.539	-36.6#	75	0.00
77 T	Bromobenzene	0.903	0.954	-5.6	60	0.00
78 T	n-propylbenzene	3.911	3.102	20.7#	43#	0.00
79 T	2-Chlorotoluene	2.346	2.109	10.1	49#	0.00
80 T	1,3,5-Trimethylbenzene	2.847	2.461	13.6	46#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.335	0.377	-12.5	64	0.00
82 T	4-Chlorotoluene	2.698	2.399	11.1	49#	0.00
83 T	tert-Butylbenzene	2.802	2.271	19.0	44#	0.00
84 T	1,2,4-Trimethylbenzene	2.827	2.555	9.6	47#	0.00
85 T	sec-Butylbenzene	3.359	2.496	25.7#	40#	0.00
86 T	p-Isopropyltoluene	3.038	2.354	22.5#	41#	0.00
87 T	1,3-Dichlorobenzene	1.599	1.498	6.3	53	0.00
88 T	1,4-Dichlorobenzene	1.618	1.495	7.6	53	0.00
89 T	n-Butylbenzene	2.678	2.001	25.3#	39#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.525	0.364	30.7#	39#	0.00
91 T	1,2-Dichlorobenzene	1.532	1.579	-3.1	57	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.256	0.378	-47.7#	81	0.00
93 T	1,2,4-Trichlorobenzene	0.937	0.961	-2.6	50#	0.00
94 T	Hexachlorobutadiene	0.599	0.382	36.2#	36#	0.00
95 T	Naphthalene	2.584	3.707	-43.5#	68	0.00
96 T	1,2,3-Trichlorobenzene	0.981	1.034	-5.4	55	0.00

(#) = Out of Range

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