

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU091219\
 Data File : VU034547.D
 Acq On : 13 Sep 2019 01:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 13 08:33:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 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	71	0.00
2 T	Dichlorodifluoromethane	0.523	0.525	-0.4	77	0.00
3 P	Chloromethane	0.644	0.611	5.1	78	0.00
4 C	Vinyl Chloride	0.652	0.657	-0.8#	79	0.00
5 T	Bromomethane	0.360	0.409	-13.6	88	0.00
6 T	Chloroethane	0.427	0.423	0.9	79	0.00
7 T	Trichlorofluoromethane	0.874	0.952	-8.9	84	0.00
8 T	Diethyl Ether	0.384	0.433	-12.8	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.579	0.629	-8.6	85	0.00
10 T	Methyl Iodide	0.477	0.589	-23.5#	83	0.00
11 T	Tert butyl alcohol	0.160	0.208	-30.0#	96	0.00
12 CM	1,1-Dichloroethene	0.544	0.594	-9.2#	84	0.00
13 T	Acrolein	0.134	0.114	14.9	63	0.00
14 T	Allyl chloride	1.040	1.105	-6.2	81	0.00
15 T	Acrylonitrile	0.398	0.469	-17.8	83	0.00
16 T	Acetone	0.391	0.379	3.1	75	0.00
17 T	Carbon Disulfide	1.223	1.101	10.0	71	0.00
18 T	Methyl Acetate	0.953	1.075	-12.8	88	0.00
19 T	Methyl tert-butyl Ether	1.983	2.405	-21.3#	89	0.00
20 T	Methylene Chloride	0.709	0.768	-8.3	86	0.00
21 T	trans-1,2-Dichloroethene	0.573	0.619	-8.0	83	0.00
22 T	Diisopropyl ether	2.028	2.430	-19.8	86	0.00
23 T	Vinyl Acetate	1.652	1.973	-19.4	84	0.00
24 P	1,1-Dichloroethane	1.211	1.363	-12.6	86	0.00
25 T	2-Butanone	0.523	0.610	-16.6	82	0.00
26 T	2,2-Dichloropropane	0.974	0.885	9.1	69	0.00
27 T	cis-1,2-Dichloroethene	0.696	0.820	-17.8	89	0.00
28 T	Bromochloromethane	0.557	0.654	-17.4	81	0.00
29 T	Tetrahydrofuran	0.318	0.383	-20.4#	84	0.00
30 C	Chloroform	1.231	1.388	-12.8#	87	0.00
31 T	Cyclohexane	0.886	0.918	-3.6	79	0.00
32 T	1,1,1-Trichloroethane	0.984	1.127	-14.5	87	0.00
33 S	1,2-Dichloroethane-d4	0.757	0.809	-6.9	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.465	0.505	-8.6	79	0.00
36 T	1,1-Dichloropropene	0.542	0.591	-9.0	83	0.00
37 T	Ethyl Acetate	0.641	0.747	-16.5	85	0.00
38 T	Carbon Tetrachloride	0.579	0.663	-14.5	88	0.00
39 T	Methylcyclohexane	0.580	0.619	-6.7	79	0.00
40 TM	Benzene	1.750	1.978	-13.0	85	0.00
41 T	Methacrylonitrile	0.342	0.423	-23.7#	86	0.00
42 TM	1,2-Dichloroethane	0.607	0.692	-14.0	87	0.00
43 T	Isopropyl Acetate	1.000	1.199	-19.9	87	0.00
44 TM	Trichloroethene	0.484	0.549	-13.4	87	0.00
45 C	1,2-Dichloropropane	0.512	0.589	-15.0#	87	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.321	0.370	-15.3	86	0.00
47 T	Bromodichloromethane	0.661	0.764	-15.6	88	0.00
48 T	Methyl methacrylate	0.475	0.560	-17.9	85	0.00
49 T	1,4-Dioxane	0.010	0.013	-30.0#	94	0.00
50 S	Toluene-d8	1.748	1.876	-7.3	74	0.00
51 T	4-Methyl-2-Pentanone	0.692	0.839	-21.2#	87	0.00
52 CM	Toluene	1.098	1.276	-16.2#	85	0.00
53 T	t-1,3-Dichloropropene	0.685	0.788	-15.0	85	0.00
54 T	cis-1,3-Dichloropropene	0.752	0.868	-15.4	84	0.00
55 T	1,1,2-Trichloroethane	0.498	0.587	-17.9	88	0.00
56 T	Ethyl methacrylate	0.672	0.857	-27.5#	88	0.00
57 T	1,3-Dichloropropane	0.812	0.950	-17.0	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.222	0.256	-15.3	73	0.00
59 T	2-Hexanone	0.517	0.630	-21.9#	85	0.00
60 T	Dibromochloromethane	0.535	0.664	-24.1#	92	0.00
61 T	1,2-Dibromoethane	0.488	0.573	-17.4	87	0.00
62 S	4-Bromofluorobenzene	0.675	0.736	-9.0	80	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.434	0.508	-17.1	90	0.00
65 PM	Chlorobenzene	1.269	1.498	-18.0	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.484	0.577	-19.2	91	0.00
67 C	Ethyl Benzene	2.074	2.487	-19.9#	87	0.00
68 T	m/p-Xylenes	0.781	0.976	-25.0#	87	0.00
69 T	o-Xylene	0.764	0.956	-25.1#	88	0.00
70 T	Styrene	1.339	1.741	-30.0#	89	0.00
71 P	Bromoform	0.420	0.518	-23.3#	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
73 T	Isopropylbenzene	3.254	3.855	-18.5	89	0.00
74 T	N-amyl acetate	1.310	1.601	-22.2#	87	0.00
75 P	1,1,2,2-Tetrachloroethane	1.317	1.484	-12.7	90	0.00
76 T	1,2,3-Trichloropropane	1.091	1.269	-16.3	93	0.00
77 T	Bromobenzene	0.910	1.055	-15.9	90	0.00
78 T	n-propylbenzene	3.758	4.412	-17.4	87	0.00
79 T	2-Chlorotoluene	2.293	2.683	-17.0	89	0.00
80 T	1,3,5-Trimethylbenzene	2.721	3.320	-22.0#	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.325	0.302	7.1	69	0.00
82 T	4-Chlorotoluene	2.639	3.114	-18.0	88	0.00
83 T	tert-Butylbenzene	2.722	3.254	-19.5	90	0.00
84 T	1,2,4-Trimethylbenzene	2.739	3.349	-22.3#	88	0.00
85 T	sec-Butylbenzene	3.214	3.862	-20.2#	88	0.00
86 T	p-Isopropyltoluene	2.966	3.572	-20.4#	88	0.00
87 T	1,3-Dichlorobenzene	1.660	1.915	-15.4	90	0.00
88 T	1,4-Dichlorobenzene	1.732	1.929	-11.4	89	0.00
89 T	n-Butylbenzene	2.578	3.041	-18.0	83	0.00

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

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90 T	Hexachloroethane	0.475	0.536	-12.8	88	0.00
91 T	1,2-Dichlorobenzene	1.632	1.897	-16.2	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.242	0.298	-23.1#	88	0.00
93 T	1,2,4-Trichlorobenzene	0.964	1.305	-35.4#	88	0.00
94 T	Hexachlorobutadiene	0.571	0.574	-0.5	78	0.00
95 T	Naphthalene	2.598	3.776	-45.3#	90	0.00
96 T	1,2,3-Trichlorobenzene	1.004	1.308	-30.3#	89	0.00

(#) = Out of Range

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