

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110218\
 Data File : VU027911.D
 Acq On : 02 Nov 2018 09:10
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 03 04:11:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 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	99	0.00
2 T	Dichlorodifluoromethane	0.635	0.637	-0.3	87	0.00
3 P	Chloromethane	0.768	0.734	4.4	88	0.00
4 C	Vinyl Chloride	0.763	0.721	5.5#	87	0.00
5 T	Bromomethane	0.336	0.296	11.9	93	0.00
6 T	Chloroethane	0.439	0.418	4.8	88	0.00
7 T	Trichlorofluoromethane	0.881	0.853	3.2	88	0.00
8 T	Diethyl Ether	0.377	0.355	5.8	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.524	0.513	2.1	89	0.00
10 T	Methyl Iodide	0.392	0.335	14.5	74	0.00
11 T	Tert butyl alcohol	0.197	0.175	11.2	84	0.00
12 CM	1,1-Dichloroethene	0.524	0.488	6.9#	87	0.00
13 T	Acrolein	0.078	0.067	14.1	93	0.00
14 T	Allyl chloride	1.281	1.176	8.2	88	0.00
15 T	Acrylonitrile	0.483	0.454	6.0	84	0.00
16 T	Acetone	0.461	0.452	2.0	96	0.00
17 T	Carbon Disulfide	1.713	1.654	3.4	89	0.00
18 T	Methyl Acetate	1.269	1.114	12.2	84	0.00
19 T	Methyl tert-butyl Ether	2.113	2.020	4.4	89	0.00
20 T	Methylene Chloride	0.673	0.629	6.5	87	0.00
21 T	trans-1,2-Dichloroethene	0.605	0.563	6.9	87	0.00
22 T	Diisopropyl ether	2.644	2.496	5.6	87	0.00
23 T	Vinyl Acetate	2.272	2.202	3.1	87	0.00
24 P	1,1-Dichloroethane	1.317	1.217	7.6	87	0.00
25 T	2-Butanone	0.734	0.703	4.2	87	0.00
26 T	2,2-Dichloropropane	0.988	0.978	1.0	96	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.654	3.5	86	0.00
28 T	Bromochloromethane	0.617	0.566	8.3	90	0.00
29 T	Tetrahydrofuran	0.490	0.442	9.8	83	0.00
30 C	Chloroform	1.208	1.124	7.0#	88	0.00
31 T	Cyclohexane	1.547	1.243	19.7	92	0.00
32 T	1,1,1-Trichloroethane	0.961	0.933	2.9	88	0.00
33 S	1,2-Dichloroethane-d4	0.743	0.676	9.0	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.315	0.308	2.2	95	0.00
36 T	1,1-Dichloropropene	0.524	0.508	3.1	89	0.00
37 T	Ethyl Acetate	0.767	0.720	6.1	85	0.00
38 T	Carbon Tetrachloride	0.464	0.448	3.4	87	0.00
39 T	Methylcyclohexane	0.632	0.648	-2.5	94	0.00
40 TM	Benzene	1.601	1.570	1.9	87	0.00
41 T	Methacrylonitrile	0.409	0.408	0.2	84	0.00
42 TM	1,2-Dichloroethane	0.569	0.544	4.4	86	0.00
43 T	Isopropyl Acetate	1.202	1.165	3.1	86	0.00
44 TM	Trichloroethene	0.344	0.343	0.3	90	0.00
45 C	1,2-Dichloropropane	0.462	0.447	3.2#	86	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.265	0.258	2.6	87	0.00
47 T	Bromodichloromethane	0.511	0.509	0.4	87	0.00
48 T	Methyl methacrylate	0.589	0.582	1.2	85	0.00
49 T	1,4-Dioxane	0.010	0.009	10.0	86	0.00
50 S	Toluene-d8	1.218	1.179	3.2	93	0.00
51 T	4-Methyl-2-Pentanone	0.803	0.756	5.9	84	0.00
52 CM	Toluene	0.941	0.926	1.6#	88	0.00
53 T	t-1,3-Dichloropropene	0.572	0.614	-7.3	90	0.00
54 T	cis-1,3-Dichloropropene	0.631	0.658	-4.3	89	0.00
55 T	1,1,2-Trichloroethane	0.383	0.369	3.7	88	0.00
56 T	Ethyl methacrylate	0.675	0.677	-0.3	86	0.00
57 T	1,3-Dichloropropane	0.698	0.679	2.7	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.362	0.385	-6.4	99	0.00
59 T	2-Hexanone	0.621	0.599	3.5	84	0.00
60 T	Dibromochloromethane	0.362	0.371	-2.5	88	0.00
61 T	1,2-Dibromoethane	0.407	0.399	2.0	85	0.00
62 S	4-Bromofluorobenzene	0.449	0.437	2.7	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.324	0.319	1.5	91	0.00
65 PM	Chlorobenzene	1.056	1.037	1.8	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.364	-0.8	88	0.00
67 C	Ethyl Benzene	1.944	1.973	-1.5#	90	0.00
68 T	m/p-Xylenes	0.706	0.716	-1.4	89	0.00
69 T	o-Xylene	0.712	0.706	0.8	89	0.00
70 T	Styrene	1.138	1.169	-2.7	89	0.00
71 P	Bromoform	0.302	0.311	-3.0	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.873	3.818	1.4	89	0.00
74 T	N-amyl acetate	2.342	2.324	0.8	86	0.00
75 P	1,1,2,2-Tetrachloroethane	1.562	1.471	5.8	85	0.00
76 T	1,2,3-Trichloropropane	1.368	1.236	9.6	84	0.00
77 T	Bromobenzene	0.888	0.891	-0.3	88	0.00
78 T	n-propylbenzene	4.636	4.731	-2.0	90	0.00
79 T	2-Chlorotoluene	2.779	2.714	2.3	89	0.00
80 T	1,3,5-Trimethylbenzene	3.209	3.181	0.9	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.507	0.423	16.6	63	0.00
82 T	4-Chlorotoluene	3.155	3.149	0.2	90	0.00
83 T	tert-Butylbenzene	3.208	3.120	2.7	89	0.00
84 T	1,2,4-Trimethylbenzene	3.231	3.278	-1.5	89	0.00
85 T	sec-Butylbenzene	3.901	3.956	-1.4	89	0.00
86 T	p-Isopropyltoluene	3.261	3.362	-3.1	90	0.00
87 T	1,3-Dichlorobenzene	1.641	1.622	1.2	89	0.00
88 T	1,4-Dichlorobenzene	1.682	1.617	3.9	88	0.00
89 T	n-Butylbenzene	3.099	3.322	-7.2	91	0.00

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90 T	Hexachloroethane	0.581	0.581	0.0	88	0.00
91 T	1,2-Dichlorobenzene	1.650	1.640	0.6	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.329	0.331	-0.6	86	0.00
93 T	1,2,4-Trichlorobenzene	1.041	1.156	-11.0	91	0.00
94 T	Hexachlorobutadiene	0.524	0.559	-6.7	94	0.00
95 T	Naphthalene	3.725	3.939	-5.7	84	0.00
96 T	1,2,3-Trichlorobenzene	1.107	1.170	-5.7	88	0.00

(#) = Out of Range

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