

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU070318\
 Data File : VU025181.D
 Acq On : 03 Jul 2018 09:55
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 04 05:09:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 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	94	0.00
2 T	Dichlorodifluoromethane	0.626	0.506	19.2	78	0.00
3 P	Chloromethane	0.639	0.517	19.1	82	0.00
4 C	Vinyl Chloride	0.659	0.578	12.3#	85	0.00
5 T	Bromomethane	0.319	0.333	-4.4	97	0.00
6 T	Chloroethane	0.431	0.374	13.2	92	0.00
7 T	Trichlorofluoromethane	1.006	0.973	3.3	95	0.00
8 T	Diethyl Ether	0.390	0.356	8.7	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.624	0.588	5.8	91	0.00
10 T	Methyl Iodide	0.451	0.602	-33.5#	109	0.00
11 T	Tert butyl alcohol	0.199	0.174	12.6	88	0.00
12 CM	1,1-Dichloroethene	0.569	0.539	5.3#	89	0.00
13 T	Acrolein	0.104	0.060	42.3#	56	0.00
14 T	Allyl chloride	1.057	0.942	10.9	87	0.00
15 T	Acrylonitrile	0.386	0.359	7.0	86	0.00
16 T	Acetone	0.439	0.433	1.4	98	0.00
17 T	Carbon Disulfide	1.823	1.481	18.8	78	0.00
18 T	Methyl Acetate	0.940	1.055	-12.2	107	0.00
19 T	Methyl tert-butyl Ether	2.140	2.126	0.7	95	0.00
20 T	Methylene Chloride	0.688	0.640	7.0	93	0.00
21 T	trans-1,2-Dichloroethene	0.627	0.593	5.4	91	0.00
22 T	Diisopropyl ether	2.096	2.011	4.1	92	0.00
23 T	Vinyl Acetate	1.877	1.701	9.4	85	0.00
24 P	1,1-Dichloroethane	1.205	1.151	4.5	90	0.00
25 T	2-Butanone	0.589	0.556	5.6	87	0.00
26 T	2,2-Dichloropropane	1.145	1.116	2.5	94	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.709	1.7	94	0.00
28 T	Bromochloromethane	0.531	0.448	15.6	75	0.00
29 T	Tetrahydrofuran	0.365	0.330	9.6	86	0.00
30 C	Chloroform	1.220	1.227	-0.6#	96	0.00
31 T	Cyclohexane	1.323	1.038	21.5#	88	0.00
32 T	1,1,1-Trichloroethane	1.128	1.119	0.8	96	0.00
33 S	1,2-Dichloroethane-d4	0.816	0.725	11.2	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.415	0.413	0.5	85	0.00
36 T	1,1-Dichloropropene	0.588	0.610	-3.7	93	0.00
37 T	Ethyl Acetate	0.640	0.651	-1.7	83	0.00
38 T	Carbon Tetrachloride	0.646	0.683	-5.7	93	0.00
39 T	Methylcyclohexane	0.733	0.763	-4.1	93	0.00
40 TM	Benzene	1.674	1.721	-2.8	90	0.00
41 T	Methacrylonitrile	0.345	0.368	-6.7	87	0.00
42 TM	1,2-Dichloroethane	0.638	0.708	-11.0	98	0.00
43 T	Isopropyl Acetate	1.107	1.075	2.9	86	0.00
44 TM	Trichloroethene	0.476	0.494	-3.8	94	0.00
45 C	1,2-Dichloropropane	0.447	0.463	-3.6#	91	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.314	0.333	-6.1	91	0.00
47 T	Bromodichloromethane	0.625	0.638	-2.1	90	0.00
48 T	Methyl methacrylate	0.539	0.558	-3.5	90	0.00
49 T	1,4-Dioxane	0.011	0.012	-9.1	111	0.00
50 S	Toluene-d8	1.514	1.323	12.6	75	0.00
51 T	4-Methyl-2-Pentanone	0.695	0.686	1.3	87	0.00
52 CM	Toluene	1.077	1.138	-5.7#	93	0.00
53 T	t-1,3-Dichloropropene	0.702	0.713	-1.6	87	0.00
54 T	cis-1,3-Dichloropropene	0.748	0.749	-0.1	88	0.00
55 T	1,1,2-Trichloroethane	0.438	0.456	-4.1	95	0.00
56 T	Ethyl methacrylate	0.733	0.730	0.4	89	0.00
57 T	1,3-Dichloropropane	0.739	0.780	-5.5	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.281	0.309	-10.0	94	0.00
59 T	2-Hexanone	0.568	0.556	2.1	87	0.00
60 T	Dibromochloromethane	0.546	0.537	1.6	89	0.00
61 T	1,2-Dibromoethane	0.487	0.501	-2.9	92	0.00
62 S	4-Bromofluorobenzene	0.601	0.579	3.7	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.475	0.505	-6.3	92	0.00
65 PM	Chlorobenzene	1.277	1.367	-7.0	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.485	0.506	-4.3	93	0.00
67 C	Ethyl Benzene	2.239	2.409	-7.6#	95	0.00
68 T	m/p-Xylenes	0.860	0.935	-8.7	96	0.00
69 T	o-Xylene	0.851	0.914	-7.4	96	0.00
70 T	Styrene	1.398	1.475	-5.5	93	0.00
71 P	Bromoform	0.461	0.446	3.3	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.839	4.034	-5.1	97	0.00
74 T	N-amyl acetate	1.826	1.644	10.0	83	0.00
75 P	1,1,2,2-Tetrachloroethane	1.286	1.276	0.8	95	0.00
76 T	1,2,3-Trichloropropane	1.101	1.097	0.4	92	0.00
77 T	Bromobenzene	0.972	1.005	-3.4	96	0.00
78 T	n-propylbenzene	4.522	4.595	-1.6	94	0.00
79 T	2-Chlorotoluene	2.667	2.734	-2.5	96	0.00
80 T	1,3,5-Trimethylbenzene	3.327	3.470	-4.3	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.476	0.429	9.9	84	0.00
82 T	4-Chlorotoluene	3.104	3.182	-2.5	95	0.00
83 T	tert-Butylbenzene	3.201	3.435	-7.3	100	0.00
84 T	1,2,4-Trimethylbenzene	3.391	3.603	-6.3	98	0.00
85 T	sec-Butylbenzene	4.006	4.171	-4.1	96	0.00
86 T	p-Isopropyltoluene	3.588	3.754	-4.6	97	0.00
87 T	1,3-Dichlorobenzene	1.795	1.882	-4.8	97	0.00
88 T	1,4-Dichlorobenzene	1.807	1.925	-6.5	99	0.00
89 T	n-Butylbenzene	3.186	3.147	1.2	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.700	0.645	7.9	88	0.00
91 T	1,2-Dichlorobenzene	1.798	1.930	-7.3	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.355	0.322	9.3	81	0.00
93 T	1,2,4-Trichlorobenzene	1.111	1.262	-13.6	94	0.00
94 T	Hexachlorobutadiene	0.625	0.695	-11.2	102	0.00
95 T	Naphthalene	3.293	3.913	-18.8	94	0.00
96 T	1,2,3-Trichlorobenzene	1.107	1.303	-17.7	96	0.00

(#) = Out of Range

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