

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024839.D
 Acq On : 22 Jun 2018 17:22
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 23 03:12:42 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	92	0.00
2 T	Dichlorodifluoromethane	0.626	0.538	14.1	82	0.00
3 P	Chloromethane	0.639	0.564	11.7	88	0.00
4 C	Vinyl Chloride	0.659	0.594	9.9#	85	0.00
5 T	Bromomethane	0.319	0.404	-26.6#	115	0.00
6 T	Chloroethane	0.431	0.380	11.8	92	0.00
7 T	Trichlorofluoromethane	1.006	1.000	0.6	96	0.00
8 T	Diethyl Ether	0.390	0.380	2.6	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.624	0.588	5.8	90	0.00
10 T	Methyl Iodide	0.451	0.539	-19.5	96	0.00
11 T	Tert butyl alcohol	0.199	0.170	14.6	84	0.00
12 CM	1,1-Dichloroethene	0.569	0.522	8.3#	85	0.00
13 T	Acrolein	0.104	0.079	24.0#	73	0.00
14 T	Allyl chloride	1.057	1.045	1.1	95	0.00
15 T	Acrylonitrile	0.386	0.368	4.7	86	0.00
16 T	Acetone	0.439	0.403	8.2	90	0.00
17 T	Carbon Disulfide	1.823	1.509	17.2	78	0.00
18 T	Methyl Acetate	0.940	0.971	-3.3	97	0.00
19 T	Methyl tert-butyl Ether	2.140	2.095	2.1	92	0.00
20 T	Methylene Chloride	0.688	0.633	8.0	90	0.00
21 T	trans-1,2-Dichloroethene	0.627	0.588	6.2	89	0.00
22 T	Diisopropyl ether	2.096	2.063	1.6	93	0.00
23 T	Vinyl Acetate	1.877	1.802	4.0	88	0.00
24 P	1,1-Dichloroethane	1.205	1.166	3.2	90	0.00
25 T	2-Butanone	0.589	0.574	2.5	88	0.00
26 T	2,2-Dichloropropane	1.145	1.103	3.7	91	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.704	2.4	92	0.00
28 T	Bromochloromethane	0.531	0.449	15.4	74	0.00
29 T	Tetrahydrofuran	0.365	0.337	7.7	87	0.00
30 C	Chloroform	1.220	1.233	-1.1#	95	0.00
31 T	Cyclohexane	1.323	1.073	18.9	89	0.00
32 T	1,1,1-Trichloroethane	1.128	1.103	2.2	93	0.00
33 S	1,2-Dichloroethane-d4	0.816	0.654	19.9	73	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.415	0.357	14.0	73	0.00
36 T	1,1-Dichloropropene	0.588	0.597	-1.5	90	0.00
37 T	Ethyl Acetate	0.640	0.687	-7.3	87	0.00
38 T	Carbon Tetrachloride	0.646	0.684	-5.9	92	0.00
39 T	Methylcyclohexane	0.733	0.774	-5.6	94	0.00
40 TM	Benzene	1.674	1.780	-6.3	92	0.00
41 T	Methacrylonitrile	0.345	0.376	-9.0	88	0.00
42 TM	1,2-Dichloroethane	0.638	0.708	-11.0	97	0.00
43 T	Isopropyl Acetate	1.107	1.108	-0.1	88	0.00
44 TM	Trichloroethene	0.476	0.488	-2.5	92	0.00
45 C	1,2-Dichloropropane	0.447	0.478	-6.9#	93	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	0.330	-5.1	89	0.00
47 T	Bromodichloromethane	0.625	0.653	-4.5	91	0.00
48 T	Methyl methacrylate	0.539	0.568	-5.4	91	0.00
49 T	1,4-Dioxane	0.011	0.013	-18.2	116	0.00
50 S	Toluene-d8	1.514	1.284	15.2	72	0.00
51 T	4-Methyl-2-Pentanone	0.695	0.705	-1.4	88	0.00
52 CM	Toluene	1.077	1.141	-5.9#	93	0.00
53 T	t-1,3-Dichloropropene	0.702	0.738	-5.1	90	0.00
54 T	cis-1,3-Dichloropropene	0.748	0.771	-3.1	90	0.00
55 T	1,1,2-Trichloroethane	0.438	0.475	-8.4	98	0.00
56 T	Ethyl methacrylate	0.733	0.758	-3.4	91	0.00
57 T	1,3-Dichloropropane	0.739	0.799	-8.1	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.281	0.226	19.6	68	0.00
59 T	2-Hexanone	0.568	0.578	-1.8	90	0.00
60 T	Dibromochloromethane	0.546	0.557	-2.0	91	0.00
61 T	1,2-Dibromoethane	0.487	0.514	-5.5	93	0.00
62 S	4-Bromofluorobenzene	0.601	0.523	13.0	75	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.475	0.477	-0.4	87	0.00
65 PM	Chlorobenzene	1.277	1.371	-7.4	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.485	0.515	-6.2	94	0.00
67 C	Ethyl Benzene	2.239	2.385	-6.5#	94	0.00
68 T	m/p-Xylenes	0.860	0.937	-9.0	96	0.00
69 T	o-Xylene	0.851	0.917	-7.8	96	0.00
70 T	Styrene	1.398	1.479	-5.8	93	0.00
71 P	Bromoform	0.461	0.458	0.7	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.839	3.992	-4.0	97	0.00
74 T	N-amyl acetate	1.826	1.758	3.7	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.286	1.302	-1.2	98	0.00
76 T	1,2,3-Trichloropropane	1.101	1.190	-8.1	100	0.00
77 T	Bromobenzene	0.972	1.005	-3.4	96	0.00
78 T	n-propylbenzene	4.522	4.628	-2.3	95	0.00
79 T	2-Chlorotoluene	2.667	2.710	-1.6	96	0.00
80 T	1,3,5-Trimethylbenzene	3.327	3.501	-5.2	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.476	0.445	6.5	88	0.00
82 T	4-Chlorotoluene	3.104	3.203	-3.2	96	0.00
83 T	tert-Butylbenzene	3.201	3.439	-7.4	102	0.00
84 T	1,2,4-Trimethylbenzene	3.391	3.581	-5.6	99	0.00
85 T	sec-Butylbenzene	4.006	4.224	-5.4	98	0.00
86 T	p-Isopropyltoluene	3.588	3.792	-5.7	99	0.00
87 T	1,3-Dichlorobenzene	1.795	1.891	-5.3	99	0.00
88 T	1,4-Dichlorobenzene	1.807	1.923	-6.4	100	0.00
89 T	n-Butylbenzene	3.186	3.302	-3.6	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.700	0.667	4.7	92	0.00
91 T	1,2-Dichlorobenzene	1.798	1.959	-9.0	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.355	0.359	-1.1	91	0.00
93 T	1,2,4-Trichlorobenzene	1.111	1.378	-24.0#	104	0.00
94 T	Hexachlorobutadiene	0.625	0.696	-11.4	103	0.00
95 T	Naphthalene	3.293	4.444	-35.0#	108	0.00
96 T	1,2,3-Trichlorobenzene	1.107	1.435	-29.6#	107	0.00

(#) = Out of Range

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