

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU061418\
 Data File : VU024581.D
 Acq On : 15 Jun 2018 07:54
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 15 08:42:48 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	84	0.00
2 T	Dichlorodifluoromethane	0.626	0.534	14.7	74	0.00
3 P	Chloromethane	0.639	0.572	10.5	81	0.00
4 C	Vinyl Chloride	0.659	0.640	2.9#	84	0.00
5 T	Bromomethane	0.319	0.339	-6.3	88	0.00
6 T	Chloroethane	0.431	0.398	7.7	88	0.00
7 T	Trichlorofluoromethane	1.006	0.965	4.1	84	0.00
8 T	Diethyl Ether	0.390	0.362	7.2	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.624	0.548	12.2	76	0.00
10 T	Methyl Iodide	0.451	0.406	10.0	66	0.00
11 T	Tert butyl alcohol	0.199	0.148	25.6#	67	0.00
12 CM	1,1-Dichloroethene	0.569	0.531	6.7#	78	0.00
13 T	Acrolein	0.104	0.082	21.2#	68	0.00
14 T	Allyl chloride	1.057	0.849	19.7	70	0.00
15 T	Acrylonitrile	0.386	0.367	4.9	78	0.00
16 T	Acetone	0.439	0.296	32.6#	60	0.00
17 T	Carbon Disulfide	1.823	1.660	8.9	78	0.00
18 T	Methyl Acetate	0.940	0.901	4.1	82	0.00
19 T	Methyl tert-butyl Ether	2.140	1.975	7.7	78	0.00
20 T	Methylene Chloride	0.688	0.617	10.3	80	0.00
21 T	trans-1,2-Dichloroethene	0.627	0.596	4.9	82	0.00
22 T	Diisopropyl ether	2.096	1.961	6.4	80	0.00
23 T	Vinyl Acetate	1.877	1.724	8.2	77	0.00
24 P	1,1-Dichloroethane	1.205	1.113	7.6	78	0.00
25 T	2-Butanone	0.589	0.518	12.1	72	0.00
26 T	2,2-Dichloropropane	1.145	0.599	47.7#	45#	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.686	4.9	82	0.00
28 T	Bromochloromethane	0.531	0.544	-2.4	81	0.00
29 T	Tetrahydrofuran	0.365	0.345	5.5	81	0.00
30 C	Chloroform	1.220	1.131	7.3#	79	0.00
31 T	Cyclohexane	1.323	1.028	22.3#	78	0.00
32 T	1,1,1-Trichloroethane	1.128	1.031	8.6	79	0.00
33 S	1,2-Dichloroethane-d4	0.816	0.747	8.5	76	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.415	0.409	1.4	83	0.00
36 T	1,1-Dichloropropene	0.588	0.523	11.1	78	0.00
37 T	Ethyl Acetate	0.640	0.622	2.8	78	0.00
38 T	Carbon Tetrachloride	0.646	0.584	9.6	78	0.00
39 T	Methylcyclohexane	0.733	0.629	14.2	76	0.00
40 TM	Benzene	1.674	1.572	6.1	81	0.00
41 T	Methacrylonitrile	0.345	0.336	2.6	78	0.00
42 TM	1,2-Dichloroethane	0.638	0.562	11.9	76	0.00
43 T	Isopropyl Acetate	1.107	1.009	8.9	80	0.00
44 TM	Trichloroethene	0.476	0.446	6.3	83	0.00
45 C	1,2-Dichloropropane	0.447	0.427	4.5#	82	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	0.300	4.5	81	0.00
47 T	Bromodichloromethane	0.625	0.577	7.7	80	0.00
48 T	Methyl methacrylate	0.539	0.488	9.5	77	0.00
49 T	1,4-Dioxane	0.011	0.008	27.3#	74	0.00
50 S	Toluene-d8	1.514	1.498	1.1	83	0.00
51 T	4-Methyl-2-Pentanone	0.695	0.658	5.3	82	0.00
52 CM	Toluene	1.077	1.009	6.3#	81	0.00
53 T	t-1,3-Dichloropropene	0.702	0.603	14.1	73	0.00
54 T	cis-1,3-Dichloropropene	0.748	0.635	15.1	73	0.00
55 T	1,1,2-Trichloroethane	0.438	0.407	7.1	83	0.00
56 T	Ethyl methacrylate	0.733	0.695	5.2	83	0.00
57 T	1,3-Dichloropropane	0.739	0.707	4.3	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.281	0.268	4.6	80	0.00
59 T	2-Hexanone	0.568	0.511	10.0	79	0.00
60 T	Dibromochloromethane	0.546	0.495	9.3	80	0.00
61 T	1,2-Dibromoethane	0.487	0.460	5.5	83	0.00
62 S	4-Bromofluorobenzene	0.601	0.589	2.0	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.475	0.474	0.2	86	0.00
65 PM	Chlorobenzene	1.277	1.195	6.4	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.485	0.447	7.8	82	0.00
67 C	Ethyl Benzene	2.239	2.064	7.8#	81	0.00
68 T	m/p-Xylenes	0.860	0.800	7.0	82	0.00
69 T	o-Xylene	0.851	0.790	7.2	83	0.00
70 T	Styrene	1.398	1.304	6.7	82	0.00
71 P	Bromoform	0.461	0.431	6.5	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.839	3.397	11.5	81	0.00
74 T	N-amyl acetate	1.826	1.606	12.0	81	0.00
75 P	1,1,2,2-Tetrachloroethane	1.286	1.176	8.6	87	0.00
76 T	1,2,3-Trichloropropane	1.101	0.976	11.4	81	0.00
77 T	Bromobenzene	0.972	0.905	6.9	85	0.00
78 T	n-propylbenzene	4.522	3.994	11.7	81	0.00
79 T	2-Chlorotoluene	2.667	2.361	11.5	82	0.00
80 T	1,3,5-Trimethylbenzene	3.327	2.927	12.0	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.476	0.344	27.7#	67	0.00
82 T	4-Chlorotoluene	3.104	2.792	10.1	82	0.00
83 T	tert-Butylbenzene	3.201	2.803	12.4	81	0.00
84 T	1,2,4-Trimethylbenzene	3.391	3.002	11.5	81	0.00
85 T	sec-Butylbenzene	4.006	3.530	11.9	81	0.00
86 T	p-Isopropyltoluene	3.588	3.144	12.4	81	0.00
87 T	1,3-Dichlorobenzene	1.795	1.651	8.0	85	0.00
88 T	1,4-Dichlorobenzene	1.807	1.654	8.5	84	0.00
89 T	n-Butylbenzene	3.186	2.812	11.7	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.700	0.584	16.6	79	0.00
91 T	1,2-Dichlorobenzene	1.798	1.630	9.3	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.355	0.304	14.4	76	0.00
93 T	1,2,4-Trichlorobenzene	1.111	1.154	-3.9	85	0.00
94 T	Hexachlorobutadiene	0.625	0.552	11.7	80	0.00
95 T	Naphthalene	3.293	3.549	-7.8	85	0.00
96 T	1,2,3-Trichlorobenzene	1.107	1.168	-5.5	86	0.00

(#) = Out of Range

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