

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072577.D
 Acq On : 11 Apr 2022 09:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 12 01:00:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	92	0.00
2 T	Dichlorodifluoromethane	0.397	0.388	2.3	80	0.00
3 P	Chloromethane	0.367	0.384	-4.6	81	0.00
4 C	Vinyl Chloride	0.385	0.422	-9.6#	83	0.00
5 T	Bromomethane	0.283	0.307	-8.5	88	0.00
6 T	Chloroethane	0.270	0.290	-7.4	84	0.00
7 T	Trichlorofluoromethane	0.861	0.929	-7.9	86	0.00
8 T	Diethyl Ether	0.256	0.265	-3.5	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.574	0.585	-1.9	85	0.00
10 T	Methyl Iodide	0.457	0.479	-4.8	77	0.00
11 T	Tert butyl alcohol	0.032	0.031	3.1	87	0.00
12 CM	1,1-Dichloroethene	0.449	0.476	-6.0#	83	0.00
13 T	Acrolein	0.014	0.010	28.6#	105	0.00
14 T	Allyl chloride	0.721	0.778	-7.9	84	0.00
15 T	Acrylonitrile	0.128	0.127	0.8	86	-0.01
16 T	Acetone	0.113	0.127	-12.4	96	-0.01
17 T	Carbon Disulfide	0.795	0.969	-21.9	81	0.00
18 T	Methyl Acetate	0.318	0.284	10.7	89	0.00
19 T	Methyl tert-butyl Ether	1.311	1.362	-3.9	87	0.00
20 T	Methylene Chloride	0.671	0.598	10.9	82	0.00
21 T	trans-1,2-Dichloroethene	0.502	0.542	-8.0	82	-0.01
22 T	Diisopropyl ether	1.804	1.892	-4.9	87	-0.01
23 T	Vinyl Acetate	0.871	0.990	-13.7	86	0.00
24 P	1,1-Dichloroethane	1.087	1.128	-3.8	87	-0.01
25 T	2-Butanone	0.156	0.165	-5.8	89	0.00
26 T	2,2-Dichloropropane	0.966	1.032	-6.8	90	0.00
27 T	cis-1,2-Dichloroethene	0.682	0.699	-2.5	84	0.00
28 T	Bromochloromethane	0.466	0.414	11.2	78	0.00
29 T	Tetrahydrofuran	0.094	0.095	-1.1	84	0.00
30 C	Chloroform	1.223	1.243	-1.6#	87	0.00
31 T	Cyclohexane	0.791	0.830	-4.9	82	0.00
32 T	1,1,1-Trichloroethane	1.037	1.119	-7.9	89	0.00
33 S	1,2-Dichloroethane-d4	0.605	0.547	9.6	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.389	0.379	2.6	86	0.00
36 T	1,1-Dichloropropene	0.455	0.516	-13.4	84	0.00
37 T	Ethyl Acetate	0.206	0.210	-1.9	83	0.00
38 T	Carbon Tetrachloride	0.535	0.598	-11.8	87	0.00
39 T	Methylcyclohexane	0.498	0.588	-18.1	84	0.00
40 TM	Benzene	1.357	1.504	-10.8	85	0.00
41 T	Methacrylonitrile	0.112	0.121	-8.0	95	0.00
42 TM	1,2-Dichloroethane	0.415	0.451	-8.7	87	0.00
43 T	Isopropyl Acetate	0.395	0.423	-7.1	86	0.00
44 TM	Trichloroethene	0.385	0.429	-11.4	86	0.00
45 C	1,2-Dichloropropane	0.377	0.406	-7.7#	87	0.00
46 T	Dibromomethane	0.198	0.219	-10.6	87	0.00
47 T	Bromodichloromethane	0.569	0.605	-6.3	88	0.00
48 T	Methyl methacrylate	0.192	0.195	-1.6	84	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	89	0.00
50 S	Toluene-d8	1.351	1.282	5.1	84	0.00
51 T	4-Methyl-2-Pentanone	0.212	0.223	-5.2	85	0.00
52 CM	Toluene	0.902	1.011	-12.1#	85	0.00
53 T	t-1,3-Dichloropropene	0.496	0.545	-9.9	86	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.636	-8.5	86	0.00
55 T	1,1,2-Trichloroethane	0.300	0.319	-6.3	87	0.00
56 T	Ethyl methacrylate	0.339	0.377	-11.2	85	0.00
57 T	1,3-Dichloropropane	0.496	0.529	-6.7	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.148	0.154	-4.1	85	0.00
59 T	2-Hexanone	0.144	0.165	-14.6	90	0.00
60 T	Dibromochloromethane	0.387	0.409	-5.7	88	0.00
61 T	1,2-Dibromoethane	0.267	0.290	-8.6	88	0.00
62 S	4-Bromofluorobenzene	0.528	0.508	3.8	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.327	0.364	-11.3	87	0.00
65 PM	Chlorobenzene	1.118	1.189	-6.4	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.447	0.477	-6.7	88	0.00
67 C	Ethyl Benzene	1.951	2.139	-9.6#	85	0.00
68 T	m/p-Xylenes	0.740	0.825	-11.5	86	0.00
69 T	o-Xylene	0.714	0.787	-10.2	86	0.00
70 T	Styrene	1.258	1.390	-10.5	86	0.00
71 P	Bromoform	0.237	0.249	-5.1	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	4.038	4.267	-5.7	85	0.00
74 T	N-amyl acetate	0.847	0.851	-0.5	83	0.00
75 P	1,1,2,2-Tetrachloroethane	0.765	0.747	2.4	88	0.00
76 T	1,2,3-Trichloropropane	0.545	0.556	-2.0	79	0.00
77 T	Bromobenzene	0.905	0.940	-3.9	86	0.00
78 T	n-propylbenzene	4.871	5.177	-6.3	86	0.00
79 T	2-Chlorotoluene	2.849	2.966	-4.1	86	0.00
80 T	1,3,5-Trimethylbenzene	3.458	3.588	-3.8	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.225	-1.4	85	0.00
82 T	4-Chlorotoluene	2.967	3.073	-3.6	87	0.00
83 T	tert-Butylbenzene	2.994	3.194	-6.7	88	0.00
84 T	1,2,4-Trimethylbenzene	3.382	3.547	-4.9	88	0.00
85 T	sec-Butylbenzene	4.510	4.768	-5.7	86	0.00
86 T	p-Isopropyltoluene	3.686	3.928	-6.6	88	0.00
87 T	1,3-Dichlorobenzene	1.875	1.934	-3.1	89	0.00
88 T	1,4-Dichlorobenzene	1.890	1.882	0.4	87	0.00
89 T	n-Butylbenzene	3.512	3.764	-7.2	88	0.00
90 T	Hexachloroethane	0.755	0.775	-2.6	89	0.00
91 T	1,2-Dichlorobenzene	1.654	1.691	-2.2	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.113	0.114	-0.9	89	0.00
93 T	1,2,4-Trichlorobenzene	1.025	1.048	-2.2	86	0.00
94 T	Hexachlorobutadiene	0.574	0.604	-5.2	91	0.00
95 T	Naphthalene	1.992	1.911	4.1	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.895	0.928	-3.7	88	0.00

(#) = Out of Range

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