

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071240.D
 Acq On : 09 Dec 2021 20:44
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 10 06:48:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 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	64	0.00
2 T	Dichlorodifluoromethane	0.426	0.366	14.1	60	0.00
3 P	Chloromethane	0.564	0.586	-3.9	70	0.00
4 C	Vinyl Chloride	0.629	0.661	-5.1#	68	0.00
5 T	Bromomethane	0.454	0.503	-10.8	75	0.00
6 T	Chloroethane	0.433	0.503	-16.2	74	0.00
7 T	Trichlorofluoromethane	0.853	0.867	-1.6	66	0.00
8 T	Diethyl Ether	0.231	0.262	-13.4	73	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.503	0.525	-4.4	67	0.00
10 T	Methyl Iodide	0.509	0.483	5.1	55	0.00
11 T	Tert butyl alcohol	0.065	0.045	30.8#	78	-0.02
12 CM	1,1-Dichloroethene	0.464	0.453	2.4#	64	0.00
13 T	Acrolein	0.040	0.019	52.5#	35#	0.00
14 T	Allyl chloride	0.882	0.945	-7.1	68	0.00
15 T	Acrylonitrile	0.112	0.140	-25.0#	83	0.00
16 T	Acetone	0.140	0.150	-7.1	71	0.00
17 T	Carbon Disulfide	1.359	1.255	7.7	61	0.00
18 T	Methyl Acetate	0.433	0.524	-21.0	87	0.00
19 T	Methyl tert-butyl Ether	1.138	1.341	-17.8	77	0.00
20 T	Methylene Chloride	0.737	0.679	7.9	76	0.00
21 T	trans-1,2-Dichloroethene	0.523	0.570	-9.0	70	0.00
22 T	Diisopropyl ether	1.766	2.140	-21.2	76	0.00
23 T	Vinyl Acetate	0.837	0.993	-18.6	75	0.00
24 P	1,1-Dichloroethane	1.016	1.169	-15.1	72	0.00
25 T	2-Butanone	0.161	0.187	-16.1	78	0.00
26 T	2,2-Dichloropropane	0.924	0.902	2.4	62	0.00
27 T	cis-1,2-Dichloroethene	0.591	0.686	-16.1	72	0.00
28 T	Bromochloromethane	0.441	0.508	-15.2	74	0.00
29 T	Tetrahydrofuran	0.093	0.115	-23.7	86	0.00
30 C	Chloroform	1.020	1.213	-18.9#	74	0.00
31 T	Cyclohexane	0.998	0.922	7.6	63	0.00
32 T	1,1,1-Trichloroethane	0.915	1.019	-11.4	69	0.00
33 S	1,2-Dichloroethane-d4	0.587	0.566	3.6	68	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35 S	Dibromofluoromethane	0.318	0.303	4.7	65	0.00
36 T	1,1-Dichloropropene	0.467	0.478	-2.4	67	0.00
37 T	Ethyl Acetate	0.202	0.235	-16.3	85	0.00
38 T	Carbon Tetrachloride	0.461	0.488	-5.9	69	0.00
39 T	Methylcyclohexane	0.562	0.521	7.3	61	0.00
40 TM	Benzene	1.269	1.374	-8.3	71	0.00
41 T	Methacrylonitrile	0.119	0.134	-12.6	87	0.00
42 TM	1,2-Dichloroethane	0.387	0.461	-19.1	79	0.00
43 T	Isopropyl Acetate	0.398	0.455	-14.3	78	0.00
44 TM	Trichloroethene	0.338	0.353	-4.4	68	0.00
45 C	1,2-Dichloropropane	0.334	0.386	-15.6#	74	0.00
46 T	Dibromomethane	0.173	0.207	-19.7	80	0.00
47 T	Bromodichloromethane	0.458	0.540	-17.9	77	0.00
48 T	Methyl methacrylate	0.198	0.215	-8.6	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	80	0.00
50 S	Toluene-d8	1.212	1.031	14.9	59	0.00
51 T	4-Methyl-2-Pentanone	0.200	0.241	-20.5	84	0.00
52 CM	Toluene	0.805	0.889	-10.4#	71	0.00
53 T	t-1,3-Dichloropropene	0.421	0.481	-14.3	74	0.00
54 T	cis-1,3-Dichloropropene	0.500	0.564	-12.8	73	0.00
55 T	1,1,2-Trichloroethane	0.227	0.268	-18.1	80	0.00
56 T	Ethyl methacrylate	0.286	0.340	-18.9	81	0.00
57 T	1,3-Dichloropropane	0.399	0.486	-21.8	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.181	-16.8	85	0.00
59 T	2-Hexanone	0.147	0.169	-15.0	79	0.00
60 T	Dibromochloromethane	0.282	0.351	-24.5	83	0.00
61 T	1,2-Dibromoethane	0.218	0.254	-16.5	79	0.00
62 S	4-Bromofluorobenzene	0.420	0.389	7.4	64	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
64 T	Tetrachloroethene	0.317	0.313	1.3	69	0.00
65 PM	Chlorobenzene	0.928	0.992	-6.9	73	0.00
66 T	1,1,1,2-Tetrachloroethane	0.339	0.381	-12.4	78	0.00
67 C	Ethyl Benzene	1.746	1.845	-5.7#	72	0.00
68 T	m/p-Xylenes	0.659	0.698	-5.9	72	0.00
69 T	o-Xylene	0.620	0.668	-7.7	73	0.00
70 T	Styrene	1.044	1.160	-11.1	75	0.00
71 P	Bromoform	0.175	0.205	-17.1	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.620	3.543	2.1	71	0.00
74 T	N-amyl acetate	0.876	0.903	-3.1	79	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.657	-10.2	83	0.00
76 T	1,2,3-Trichloropropane	0.476	0.471	1.1	83	0.00
77 T	Bromobenzene	0.784	0.817	-4.2	77	0.00
78 T	n-propylbenzene	4.509	4.454	1.2	71	0.00
79 T	2-Chlorotoluene	2.530	2.515	0.6	73	0.00
80 T	1,3,5-Trimethylbenzene	2.985	2.989	-0.1	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.172	4.4	74	0.00
82 T	4-Chlorotoluene	2.627	2.664	-1.4	74	0.00
83 T	tert-Butylbenzene	2.564	2.541	0.9	72	0.00
84 T	1,2,4-Trimethylbenzene	2.915	2.966	-1.7	73	0.00
85 T	sec-Butylbenzene	3.916	3.835	2.1	71	0.00
86 T	p-Isopropyltoluene	3.203	3.198	0.2	71	0.00
87 T	1,3-Dichlorobenzene	1.561	1.628	-4.3	75	0.00
88 T	1,4-Dichlorobenzene	1.547	1.608	-3.9	77	0.00
89 T	n-Butylbenzene	3.127	3.091	1.2	70	0.00
90 T	Hexachloroethane	0.607	0.630	-3.8	74	0.00
91 T	1,2-Dichlorobenzene	1.328	1.406	-5.9	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.104	-7.2	86	0.00
93 T	1,2,4-Trichlorobenzene	0.828	0.842	-1.7	73	0.00
94 T	Hexachlorobutadiene	0.469	0.457	2.6	69	0.00
95 T	Naphthalene	1.460	1.571	-7.6	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.703	0.744	-5.8	77	0.00

(#) = Out of Range

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