

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071263.D
 Acq On : 11 Dec 2021 11:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 12 17:49:25 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	76	-0.01
2 T	Dichlorodifluoromethane	0.426	0.371	12.9	72	0.00
3 P	Chloromethane	0.564	0.587	-4.1	84	0.00
4 C	Vinyl Chloride	0.629	0.701	-11.4#	86	0.00
5 T	Bromomethane	0.454	0.490	-7.9	87	-0.01
6 T	Chloroethane	0.433	0.500	-15.5	87	0.00
7 T	Trichlorofluoromethane	0.853	0.844	1.1	76	0.00
8 T	Diethyl Ether	0.231	0.234	-1.3	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.503	0.511	-1.6	78	0.00
10 T	Methyl Iodide	0.509	0.483	5.1	66	0.00
11 T	Tert butyl alcohol	0.065	0.042	35.4#	86	-0.02
12 CM	1,1-Dichloroethene	0.464	0.444	4.3#	75	0.00
13 T	Acrolein	0.040	0.027	32.5#	61	0.00
14 T	Allyl chloride	0.882	0.897	-1.7	77	0.00
15 T	Acrylonitrile	0.112	0.126	-12.5	89	0.00
16 T	Acetone	0.140	0.166	-18.6	94	0.00
17 T	Carbon Disulfide	1.359	1.179	13.2	68	0.00
18 T	Methyl Acetate	0.433	0.471	-8.8	93	0.00
19 T	Methyl tert-butyl Ether	1.138	1.199	-5.4	82	0.00
20 T	Methylene Chloride	0.737	0.595	19.3	79	0.00
21 T	trans-1,2-Dichloroethene	0.523	0.533	-1.9	77	0.00
22 T	Diisopropyl ether	1.766	1.915	-8.4	81	0.00
23 T	Vinyl Acetate	0.837	0.935	-11.7	84	0.00
24 P	1,1-Dichloroethane	1.016	1.070	-5.3	78	0.00
25 T	2-Butanone	0.161	0.183	-13.7	91	-0.01
26 T	2,2-Dichloropropane	0.924	0.900	2.6	73	0.00
27 T	cis-1,2-Dichloroethene	0.591	0.627	-6.1	78	0.00
28 T	Bromochloromethane	0.441	0.464	-5.2	80	0.00
29 T	Tetrahydrofuran	0.093	0.106	-14.0	94	0.00
30 C	Chloroform	1.020	1.105	-8.3#	81	0.00
31 T	Cyclohexane	0.998	0.910	8.8	74	0.00
32 T	1,1,1-Trichloroethane	0.915	0.969	-5.9	78	0.00
33 S	1,2-Dichloroethane-d4	0.587	0.582	0.9	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
35 S	Dibromofluoromethane	0.318	0.321	-0.9	79	-0.01
36 T	1,1-Dichloropropene	0.467	0.480	-2.8	76	0.00
37 T	Ethyl Acetate	0.202	0.221	-9.4	92	0.00
38 T	Carbon Tetrachloride	0.461	0.500	-8.5	80	0.00
39 T	Methylcyclohexane	0.562	0.533	5.2	71	0.00
40 TM	Benzene	1.269	1.328	-4.6	78	0.00
41 T	Methacrylonitrile	0.119	0.134	-12.6	99	0.00
42 TM	1,2-Dichloroethane	0.387	0.434	-12.1	85	0.00
43 T	Isopropyl Acetate	0.398	0.446	-12.1	87	0.00
44 TM	Trichloroethene	0.338	0.348	-3.0	76	0.00
45 C	1,2-Dichloropropane	0.334	0.363	-8.7#	80	0.00
46 T	Dibromomethane	0.173	0.189	-9.2	84	0.00
47 T	Bromodichloromethane	0.458	0.509	-11.1	83	0.00
48 T	Methyl methacrylate	0.198	0.212	-7.1	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	96	0.00
50 S	Toluene-d8	1.212	1.137	6.2	75	0.00
51 T	4-Methyl-2-Pentanone	0.200	0.235	-17.5	93	0.00
52 CM	Toluene	0.805	0.858	-6.6#	78	0.00
53 T	t-1,3-Dichloropropene	0.421	0.466	-10.7	81	0.00
54 T	cis-1,3-Dichloropropene	0.500	0.532	-6.4	78	0.00
55 T	1,1,2-Trichloroethane	0.227	0.254	-11.9	87	0.00
56 T	Ethyl methacrylate	0.286	0.323	-12.9	88	0.00
57 T	1,3-Dichloropropane	0.399	0.454	-13.8	85	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.166	-7.1	89	0.00
59 T	2-Hexanone	0.147	0.174	-18.4	92	0.00
60 T	Dibromochloromethane	0.282	0.324	-14.9	87	0.00
61 T	1,2-Dibromoethane	0.218	0.244	-11.9	86	0.00
62 S	4-Bromofluorobenzene	0.420	0.427	-1.7	80	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64 T	Tetrachloroethene	0.317	0.310	2.2	75	0.00
65 PM	Chlorobenzene	0.928	0.976	-5.2	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.339	0.375	-10.6	85	0.00
67 C	Ethyl Benzene	1.746	1.842	-5.5#	79	0.00
68 T	m/p-Xylenes	0.659	0.697	-5.8	79	0.00
69 T	o-Xylene	0.620	0.657	-6.0	80	0.00
70 T	Styrene	1.044	1.134	-8.6	81	0.00
71 P	Bromoform	0.175	0.201	-14.9	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.620	3.565	1.5	80	0.00
74 T	N-amyl acetate	0.876	0.904	-3.2	88	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.644	-8.1	91	0.00
76 T	1,2,3-Trichloropropane	0.476	0.553	-16.2	108	0.00
77 T	Bromobenzene	0.784	0.771	1.7	81	0.00
78 T	n-propylbenzene	4.509	4.496	0.3	80	0.00
79 T	2-Chlorotoluene	2.530	2.460	2.8	80	0.00
80 T	1,3,5-Trimethylbenzene	2.985	2.958	0.9	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.184	-2.2	88	0.00
82 T	4-Chlorotoluene	2.627	2.574	2.0	80	0.00
83 T	tert-Butylbenzene	2.564	2.556	0.3	80	0.00
84 T	1,2,4-Trimethylbenzene	2.915	2.949	-1.2	81	0.00
85 T	sec-Butylbenzene	3.916	3.923	-0.2	81	0.00
86 T	p-Isopropyltoluene	3.203	3.280	-2.4	82	0.00
87 T	1,3-Dichlorobenzene	1.561	1.606	-2.9	83	0.00
88 T	1,4-Dichlorobenzene	1.547	1.591	-2.8	85	0.00
89 T	n-Butylbenzene	3.127	3.140	-0.4	79	0.00
90 T	Hexachloroethane	0.607	0.635	-4.6	83	0.00
91 T	1,2-Dichlorobenzene	1.328	1.373	-3.4	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.098	-1.0	90	0.00
93 T	1,2,4-Trichlorobenzene	0.828	0.839	-1.3	81	0.00
94 T	Hexachlorobutadiene	0.469	0.454	3.2	77	0.00
95 T	Naphthalene	1.460	1.550	-6.2	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.703	0.728	-3.6	84	0.00

(#) = Out of Range

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