

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071285.D
 Acq On : 11 Dec 2021 22:27
 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 18:54:26 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	66	0.00
2 T	Dichlorodifluoromethane	0.426	0.329	22.8	56	0.00
3 P	Chloromethane	0.564	0.625	-10.8	78	0.00
4 C	Vinyl Chloride	0.629	0.711	-13.0#	76	0.00
5 T	Bromomethane	0.454	0.488	-7.5	76	-0.02
6 T	Chloroethane	0.433	0.540	-24.7	82	-0.01
7 T	Trichlorofluoromethane	0.853	0.821	3.8	64	0.00
8 T	Diethyl Ether	0.231	0.266	-15.2	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.503	0.484	3.8	64	0.00
10 T	Methyl Iodide	0.509	0.428	15.9	51	0.00
11 T	Tert butyl alcohol	0.065	0.059	9.2	106	0.00
12 CM	1,1-Dichloroethene	0.464	0.450	3.0#	66	0.00
13 T	Acrolein	0.040	0.027	32.5#	54	0.00
14 T	Allyl chloride	0.882	0.914	-3.6	68	-0.01
15 T	Acrylonitrile	0.112	0.165	-47.3#	102	0.00
16 T	Acetone	0.140	0.174	-24.3	85	0.00
17 T	Carbon Disulfide	1.359	1.177	13.4	59	0.00
18 T	Methyl Acetate	0.433	0.691	-59.6#	119	0.00
19 T	Methyl tert-butyl Ether	1.138	1.425	-25.2#	84	0.00
20 T	Methylene Chloride	0.737	0.684	7.2	79	-0.01
21 T	trans-1,2-Dichloroethene	0.523	0.535	-2.3	68	0.00
22 T	Diisopropyl ether	1.766	2.094	-18.6	78	0.00
23 T	Vinyl Acetate	0.837	1.012	-20.9	79	0.00
24 P	1,1-Dichloroethane	1.016	1.138	-12.0	73	0.00
25 T	2-Butanone	0.161	0.225	-39.8#	97	0.00
26 T	2,2-Dichloropropane	0.924	0.838	9.3	60	0.00
27 T	cis-1,2-Dichloroethene	0.591	0.660	-11.7	71	0.00
28 T	Bromochloromethane	0.441	0.508	-15.2	76	0.00
29 T	Tetrahydrofuran	0.093	0.139	-49.5#	108	0.00
30 C	Chloroform	1.020	1.208	-18.4#	77	0.00
31 T	Cyclohexane	0.998	0.882	11.6	62	0.00
32 T	1,1,1-Trichloroethane	0.915	0.976	-6.7	69	0.00
33 S	1,2-Dichloroethane-d4	0.587	0.712	-21.3	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35 S	Dibromofluoromethane	0.318	0.367	-15.4	82	0.00
36 T	1,1-Dichloropropene	0.467	0.460	1.5	67	0.00
37 T	Ethyl Acetate	0.202	0.264	-30.7#	100	0.00
38 T	Carbon Tetrachloride	0.461	0.476	-3.3	70	0.00
39 T	Methylcyclohexane	0.562	0.494	12.1	60	0.00
40 TM	Benzene	1.269	1.341	-5.7	72	0.00
41 T	Methacrylonitrile	0.119	0.138	-16.0	94	0.00
42 TM	1,2-Dichloroethane	0.387	0.472	-22.0	85	0.00
43 T	Isopropyl Acetate	0.398	0.506	-27.1#	91	0.00
44 TM	Trichloroethene	0.338	0.344	-1.8	69	0.00
45 C	1,2-Dichloropropane	0.334	0.371	-11.1#	75	0.00
46 T	Dibromomethane	0.173	0.206	-19.1	84	0.00
47 T	Bromodichloromethane	0.458	0.537	-17.2	80	0.00
48 T	Methyl methacrylate	0.198	0.238	-20.2	86	0.00

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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)
49 T	1,4-Dioxane	0.002	0.002	0.0	105	0.00
50 S	Toluene-d8	1.212	1.218	-0.5	73	0.00
51 T	4-Methyl-2-Pentanone	0.200	0.294	-47.0#	107	0.00
52 CM	Toluene	0.805	0.852	-5.8#	71	0.00
53 T	t-1,3-Dichloropropene	0.421	0.475	-12.8	76	0.00
54 T	cis-1,3-Dichloropropene	0.500	0.546	-9.2	73	0.00
55 T	1,1,2-Trichloroethane	0.227	0.290	-27.8#	91	0.00
56 T	Ethyl methacrylate	0.286	0.370	-29.4#	92	0.00
57 T	1,3-Dichloropropane	0.399	0.501	-25.6#	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.166	-7.1	82	0.00
59 T	2-Hexanone	0.147	0.204	-38.8#	99	0.00
60 T	Dibromochloromethane	0.282	0.353	-25.2#	87	0.00
61 T	1,2-Dibromoethane	0.218	0.274	-25.7#	89	0.00
62 S	4-Bromofluorobenzene	0.420	0.474	-12.9	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
64 T	Tetrachloroethene	0.317	0.307	3.2	71	0.00
65 PM	Chlorobenzene	0.928	0.966	-4.1	75	0.00
66 T	1,1,1,2-Tetrachloroethane	0.339	0.373	-10.0	80	0.00
67 C	Ethyl Benzene	1.746	1.754	-0.5#	72	0.00
68 T	m/p-Xylenes	0.659	0.664	-0.8	72	0.00
69 T	o-Xylene	0.620	0.638	-2.9	74	0.00
70 T	Styrene	1.044	1.126	-7.9	76	0.00
71 P	Bromoform	0.175	0.221	-26.3#	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.620	3.245	10.4	72	0.00
74 T	N-amyl acetate	0.876	0.969	-10.6	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.712	-19.5	100	0.00
76 T	1,2,3-Trichloropropane	0.476	0.566	-18.9	110	0.00
77 T	Bromobenzene	0.784	0.766	2.3	80	0.00
78 T	n-propylbenzene	4.509	4.065	9.8	72	0.00
79 T	2-Chlorotoluene	2.530	2.351	7.1	75	0.00
80 T	1,3,5-Trimethylbenzene	2.985	2.799	6.2	74	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.185	-2.8	88	0.00
82 T	4-Chlorotoluene	2.627	2.438	7.2	75	0.00
83 T	tert-Butylbenzene	2.564	2.369	7.6	74	0.00
84 T	1,2,4-Trimethylbenzene	2.915	2.832	2.8	77	0.00
85 T	sec-Butylbenzene	3.916	3.563	9.0	72	0.00
86 T	p-Isopropyltoluene	3.203	2.994	6.5	74	0.00
87 T	1,3-Dichlorobenzene	1.561	1.558	0.2	80	0.00
88 T	1,4-Dichlorobenzene	1.547	1.537	0.6	81	0.00
89 T	n-Butylbenzene	3.127	2.895	7.4	72	0.00
90 T	Hexachloroethane	0.607	0.581	4.3	75	0.00
91 T	1,2-Dichlorobenzene	1.328	1.364	-2.7	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.123	-26.8#	112	0.00
93 T	1,2,4-Trichlorobenzene	0.828	0.798	3.6	77	0.00
94 T	Hexachlorobutadiene	0.469	0.425	9.4	71	0.00
95 T	Naphthalene	1.460	1.785	-22.3	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.703	0.717	-2.0	81	0.00

(#) = Out of Range

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