

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068232.D
 Acq On : 28 Jan 2021 19:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 29 00:12:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 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	52	0.00
2 T	Dichlorodifluoromethane	0.594	0.606	-2.0	54	0.00
3 P	Chloromethane	0.640	0.774	-20.9	66	0.00
4 C	Vinyl Chloride	0.711	0.886	-24.6#	65	0.00
5 T	Bromomethane	0.488	0.599	-22.7	66	0.00
6 T	Chloroethane	0.435	0.575	-32.2#	68	0.00
7 T	Trichlorofluoromethane	0.934	1.045	-11.9	59	0.00
8 T	Diethyl Ether	0.275	0.344	-25.1#	65	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.545	0.627	-15.0	60	0.00
10 T	Methyl Iodide	0.527	0.623	-18.2	52	0.00
11 T	Tert butyl alcohol	0.065	0.043	33.8#	53	0.00
12 CM	1,1-Dichloroethene	0.548	0.629	-14.8#	59	0.00
13 T	Acrolein	0.038	0.035	7.9	52	0.00
14 T	Allyl chloride	0.797	0.905	-13.6	58	0.00
15 T	Acrylonitrile	0.109	0.145	-33.0#	66	0.00
16 T	Acetone	0.085	0.103	-21.2	61	0.00
17 T	Carbon Disulfide	1.764	1.967	-11.5	57	0.00
18 T	Methyl Acetate	0.222	0.333	-50.0#	77	0.00
19 T	Methyl tert-butyl Ether	1.266	1.595	-26.0#	64	0.00
20 T	Methylene Chloride	0.684	0.773	-13.0	66	0.00
21 T	trans-1,2-Dichloroethene	0.629	0.741	-17.8	61	0.00
22 T	Diisopropyl ether	1.608	2.005	-24.7	63	0.00
23 T	Vinyl Acetate	0.857	1.075	-25.4#	62	0.00
24 P	1,1-Dichloroethane	1.042	1.287	-23.5	63	0.00
25 T	2-Butanone	0.129	0.157	-21.7	63	0.00
26 T	2,2-Dichloropropane	0.986	1.088	-10.3	57	0.00
27 T	cis-1,2-Dichloroethene	0.683	0.857	-25.5#	64	0.00
28 T	Bromochloromethane	0.355	0.385	-8.5	61	0.00
29 T	Tetrahydrofuran	0.083	0.107	-28.9#	65	0.00
30 C	Chloroform	1.053	1.327	-26.0#	65	0.00
31 T	Cyclohexane	1.036	1.089	-5.1	56	0.00
32 T	1,1,1-Trichloroethane	0.949	1.125	-18.5	61	0.00
33 S	1,2-Dichloroethane-d4	0.478	0.493	-3.1	57	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	55	0.00
35 S	Dibromofluoromethane	0.276	0.282	-2.2	58	0.00
36 T	1,1-Dichloropropene	0.504	0.557	-10.5	61	0.00
37 T	Ethyl Acetate	0.178	0.211	-18.5	64	0.00
38 T	Carbon Tetrachloride	0.472	0.525	-11.2	60	0.00
39 T	Methylcyclohexane	0.659	0.694	-5.3	57	0.00
40 TM	Benzene	1.410	1.639	-16.2	63	0.00
41 T	Methacrylonitrile	0.108	0.121	-12.0	58	0.00
42 TM	1,2-Dichloroethane	0.377	0.452	-19.9	65	0.00
43 T	Isopropyl Acetate	0.372	0.425	-14.2	62	0.00
44 TM	Trichloroethene	0.387	0.432	-11.6	60	0.00
45 C	1,2-Dichloropropane	0.345	0.407	-18.0#	64	0.00
46 T	Dibromomethane	0.175	0.216	-23.4	66	0.00
47 T	Bromodichloromethane	0.472	0.573	-21.4	65	0.00
48 T	Methyl methacrylate	0.185	0.200	-8.1	57	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	66	0.00
50 S	Toluene-d8	1.106	1.004	9.2	55	0.00
51 T	4-Methyl-2-Pentanone	0.173	0.211	-22.0	65	0.00
52 CM	Toluene	0.919	1.063	-15.7#	63	0.00
53 T	t-1,3-Dichloropropene	0.478	0.546	-14.2	61	0.00
54 T	cis-1,3-Dichloropropene	0.569	0.648	-13.9	62	0.00
55 T	1,1,2-Trichloroethane	0.248	0.306	-23.4	66	0.00
56 T	Ethyl methacrylate	0.330	0.393	-19.1	64	0.00
57 T	1,3-Dichloropropane	0.437	0.533	-22.0	65	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.171	-12.5	65	0.00
59 T	2-Hexanone	0.120	0.141	-17.5	64	0.00
60 T	Dibromochloromethane	0.311	0.371	-19.3	64	0.00
61 T	1,2-Dibromoethane	0.245	0.296	-20.8	65	0.00
62 S	4-Bromofluorobenzene	0.398	0.377	5.3	55	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	56	0.00
64 T	Tetrachloroethene	0.352	0.376	-6.8	60	0.00
65 PM	Chlorobenzene	1.062	1.220	-14.9	63	0.00
66 T	1,1,1,2-Tetrachloroethane	0.374	0.434	-16.0	63	0.00
67 C	Ethyl Benzene	1.967	2.236	-13.7#	63	0.00
68 T	m/p-Xylenes	0.743	0.839	-12.9	62	0.00
69 T	o-Xylene	0.690	0.782	-13.3	63	0.00
70 T	Styrene	1.177	1.353	-15.0	62	0.00
71 P	Bromoform	0.189	0.221	-16.9	64	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	56	0.00
73 T	Isopropylbenzene	4.160	4.688	-12.7	62	0.00
74 T	N-amyl acetate	0.865	0.976	-12.8	61	0.00
75 P	1,1,2,2-Tetrachloroethane	0.662	0.815	-23.1	66	0.00
76 T	1,2,3-Trichloropropane	0.483	0.516	-6.8	53	0.00
77 T	Bromobenzene	0.892	1.048	-17.5	64	0.00
78 T	n-propylbenzene	4.922	5.559	-12.9	62	0.00
79 T	2-Chlorotoluene	2.764	3.100	-12.2	62	0.00
80 T	1,3,5-Trimethylbenzene	3.465	3.878	-11.9	62	0.00
81 T	trans-1,4-Dichloro-2-butene	0.239	0.261	-9.2	59	0.00
82 T	4-Chlorotoluene	2.874	3.235	-12.6	62	0.00
83 T	tert-Butylbenzene	2.936	3.259	-11.0	60	0.00
84 T	1,2,4-Trimethylbenzene	3.439	3.883	-12.9	62	0.00
85 T	sec-Butylbenzene	4.107	4.607	-12.2	62	0.00
86 T	p-Isopropyltoluene	3.736	4.186	-12.0	62	0.00
87 T	1,3-Dichlorobenzene	1.715	1.999	-16.6	64	0.00
88 T	1,4-Dichlorobenzene	1.690	1.945	-15.1	63	0.00
89 T	n-Butylbenzene	3.585	4.014	-12.0	61	0.00
90 T	Hexachloroethane	0.675	0.749	-11.0	60	0.00
91 T	1,2-Dichlorobenzene	1.469	1.733	-18.0	64	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.125	-15.7	63	0.00
93 T	1,2,4-Trichlorobenzene	1.007	1.159	-15.1	62	0.00
94 T	Hexachlorobutadiene	0.558	0.611	-9.5	60	0.00
95 T	Naphthalene	1.888	2.230	-18.1	64	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.849	0.973	-14.6	62	0.00

(#) = Out of Range

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