

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071516.D
 Acq On : 28 Dec 2021 21:19
 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 28 21:28:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 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	103	0.00
2 T	Dichlorodifluoromethane	0.524	0.552	-5.3	114	0.00
3 P	Chloromethane	0.671	0.748	-11.5	120	0.00
4 C	Vinyl Chloride	0.804	0.764	5.0#	104	0.00
5 T	Bromomethane	0.562	0.500	11.0	102	0.02
6 T	Chloroethane	0.534	0.501	6.2	102	0.01
7 T	Trichlorofluoromethane	0.984	1.102	-12.0	120	0.01
8 T	Diethyl Ether	0.282	0.322	-14.2	121	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.573	0.623	-8.7	119	0.01
10 T	Methyl Iodide	0.557	0.545	2.2	92	0.00
11 T	Tert butyl alcohol	0.065	0.039	40.0#	87	0.01
12 CM	1,1-Dichloroethene	0.521	0.552	-6.0#	114	0.01
13 T	Acrolein	0.032	0.025	21.9	82	0.01
14 T	Allyl chloride	0.985	1.127	-14.4	121	0.01
15 T	Acrylonitrile	0.139	0.151	-8.6	111	0.00
16 T	Acetone	0.167	0.176	-5.4	102	0.00
17 T	Carbon Disulfide	1.697	1.512	10.9	98	0.00
18 T	Methyl Acetate	0.515	0.550	-6.8	117	0.00
19 T	Methyl tert-butyl Ether	1.345	1.509	-12.2	116	0.00
20 T	Methylene Chloride	0.811	0.770	5.1	125	0.00
21 T	trans-1,2-Dichloroethene	0.603	0.625	-3.6	112	0.00
22 T	Diisopropyl ether	2.006	2.320	-15.7	120	0.00
23 T	Vinyl Acetate	1.034	1.140	-10.3	109	0.00
24 P	1,1-Dichloroethane	1.150	1.274	-10.8	119	0.00
25 T	2-Butanone	0.199	0.200	-0.5	101	0.00
26 T	2,2-Dichloropropane	0.945	1.044	-10.5	116	0.00
27 T	cis-1,2-Dichloroethene	0.667	0.725	-8.7	114	0.00
28 T	Bromochloromethane	0.471	0.487	-3.4	103	0.00
29 T	Tetrahydrofuran	0.120	0.122	-1.7	104	0.00
30 C	Chloroform	1.160	1.288	-11.0#	118	0.00
31 T	Cyclohexane	1.128	1.023	9.3	103	0.00
32 T	1,1,1-Trichloroethane	1.029	1.128	-9.6	116	0.00
33 S	1,2-Dichloroethane-d4	0.664	0.719	-8.3	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.336	0.378	-12.5	112	0.00
36 T	1,1-Dichloropropene	0.537	0.554	-3.2	111	0.00
37 T	Ethyl Acetate	0.248	0.259	-4.4	104	0.00
38 T	Carbon Tetrachloride	0.530	0.563	-6.2	111	0.00
39 T	Methylcyclohexane	0.628	0.609	3.0	104	0.00
40 TM	Benzene	1.443	1.527	-5.8	113	0.00
41 T	Methacrylonitrile	0.147	0.172	-17.0	107	0.00
42 TM	1,2-Dichloroethane	0.471	0.519	-10.2	116	0.00
43 T	Isopropyl Acetate	0.492	0.506	-2.8	106	0.00
44 TM	Trichloroethene	0.376	0.391	-4.0	112	0.00
45 C	1,2-Dichloropropane	0.375	0.396	-5.6#	113	0.00
46 T	Dibromomethane	0.207	0.213	-2.9	106	0.00
47 T	Bromodichloromethane	0.525	0.574	-9.3	114	0.00
48 T	Methyl methacrylate	0.243	0.254	-4.5	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	93	0.00
50 S	Toluene-d8	1.270	1.331	-4.8	104	0.00
51 T	4-Methyl-2-Pentanone	0.259	0.256	1.2	101	0.00
52 CM	Toluene	0.917	0.961	-4.8#	112	0.00
53 T	t-1,3-Dichloropropene	0.491	0.500	-1.8	106	0.00
54 T	cis-1,3-Dichloropropene	0.567	0.594	-4.8	110	0.00
55 T	1,1,2-Trichloroethane	0.263	0.281	-6.8	112	0.00
56 T	Ethyl methacrylate	0.346	0.367	-6.1	105	0.00
57 T	1,3-Dichloropropane	0.481	0.500	-4.0	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.166	0.172	-3.6	107	0.00
59 T	2-Hexanone	0.183	0.182	0.5	98	0.00
60 T	Dibromochloromethane	0.330	0.356	-7.9	111	0.00
61 T	1,2-Dibromoethane	0.260	0.274	-5.4	110	0.00
62 S	4-Bromofluorobenzene	0.451	0.491	-8.9	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.347	0.353	-1.7	110	0.00
65 PM	Chlorobenzene	1.026	1.105	-7.7	111	0.00
66 T	1,1,1,2-Tetrachloroethane	0.375	0.418	-11.5	113	0.00
67 C	Ethyl Benzene	1.909	2.082	-9.1#	112	0.00
68 T	m/p-Xylenes	0.725	0.780	-7.6	109	0.00
69 T	o-Xylene	0.663	0.750	-13.1	114	0.00
70 T	Styrene	1.152	1.282	-11.3	112	0.00
71 P	Bromoform	0.203	0.214	-5.4	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.855	4.054	-5.2	114	0.00
74 T	N-amyl acetate	1.034	1.025	0.9	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.697	0.685	1.7	104	0.00
76 T	1,2,3-Trichloropropane	0.594	0.591	0.5	107	0.00
77 T	Bromobenzene	0.858	0.866	-0.9	110	0.00
78 T	n-propylbenzene	4.832	4.967	-2.8	110	0.00
79 T	2-Chlorotoluene	2.700	2.820	-4.4	112	0.00
80 T	1,3,5-Trimethylbenzene	3.180	3.441	-8.2	114	0.00
81 T	trans-1,4-Dichloro-2-butene	0.210	0.183	12.9	93	0.00
82 T	4-Chlorotoluene	2.801	2.957	-5.6	113	0.00
83 T	tert-Butylbenzene	2.717	2.899	-6.7	112	0.00
84 T	1,2,4-Trimethylbenzene	3.147	3.428	-8.9	116	0.00
85 T	sec-Butylbenzene	4.142	4.432	-7.0	114	0.00
86 T	p-Isopropyltoluene	3.437	3.691	-7.4	114	0.00
87 T	1,3-Dichlorobenzene	1.727	1.760	-1.9	111	0.00
88 T	1,4-Dichlorobenzene	1.694	1.735	-2.4	112	0.00
89 T	n-Butylbenzene	3.373	3.598	-6.7	114	0.00
90 T	Hexachloroethane	0.651	0.665	-2.2	109	0.00
91 T	1,2-Dichlorobenzene	1.466	1.507	-2.8	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.121	0.116	4.1	108	0.00
93 T	1,2,4-Trichlorobenzene	0.893	0.955	-6.9	113	0.00
94 T	Hexachlorobutadiene	0.479	0.507	-5.8	113	0.00
95 T	Naphthalene	1.701	1.805	-6.1	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.773	0.819	-6.0	113	0.00

(#) = Out of Range

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