

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074231.D
 Acq On : 24 Aug 2022 19:02
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 25 05:03:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 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	83	0.00
2 T	Dichlorodifluoromethane	0.420	0.373	11.2	75	0.00
3 P	Chloromethane	0.299	0.273	8.7	73	0.00
4 C	Vinyl Chloride	0.314	0.290	7.6#	70	0.00
5 T	Bromomethane	0.203	0.165	18.7	64	0.00
6 T	Chloroethane	0.204	0.202	1.0	75	0.00
7 T	Trichlorofluoromethane	0.912	0.889	2.5	77	0.00
8 T	Diethyl Ether	0.245	0.250	-2.0	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.552	0.563	-2.0	81	0.00
10 T	Methyl Iodide	0.605	0.612	-1.2	70	0.00
11 T	Tert butyl alcohol	0.032	0.036	-12.5	102	-0.01
12 CM	1,1-Dichloroethene	0.493	0.481	2.4#	75	0.00
13 T	Acrolein	0.015	0.011	26.7#	80	0.01
14 T	Allyl chloride	0.772	0.750	2.8	74	0.00
15 T	Acrylonitrile	0.114	0.131	-14.9	91	0.00
16 T	Acetone	0.097	0.101	-4.1	79	0.00
17 T	Carbon Disulfide	1.444	1.296	10.2	63	0.00
18 T	Methyl Acetate	0.307	0.310	-1.0	88	0.00
19 T	Methyl tert-butyl Ether	1.181	1.254	-6.2	85	0.00
20 T	Methylene Chloride	0.762	0.678	11.0	86	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.568	1.6	74	0.00
22 T	Diisopropyl ether	1.584	1.732	-9.3	85	0.00
23 T	Vinyl Acetate	0.810	0.901	-11.2	83	0.00
24 P	1,1-Dichloroethane	1.044	1.068	-2.3	82	0.00
25 T	2-Butanone	0.151	0.161	-6.6	87	0.00
26 T	2,2-Dichloropropane	0.941	0.938	0.3	80	0.00
27 T	cis-1,2-Dichloroethene	0.648	0.666	-2.8	80	0.00
28 T	Bromochloromethane	0.316	0.351	-11.1	92	0.00
29 T	Tetrahydrofuran	0.091	0.105	-15.4	92	0.00
30 C	Chloroform	1.101	1.181	-7.3#	85	0.00
31 T	Cyclohexane	0.909	0.849	6.6	71	0.00
32 T	1,1,1-Trichloroethane	1.020	1.048	-2.7	83	0.00
33 S	1,2-Dichloroethane-d4	0.511	0.497	2.7	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.334	0.347	-3.9	84	0.00
36 T	1,1-Dichloropropene	0.505	0.553	-9.5	80	0.00
37 T	Ethyl Acetate	0.199	0.247	-24.1	95	0.00
38 T	Carbon Tetrachloride	0.543	0.588	-8.3	81	0.00
39 T	Methylcyclohexane	0.577	0.605	-4.9	73	0.00
40 TM	Benzene	1.425	1.525	-7.0	81	0.00
41 T	Methacrylonitrile	0.120	0.141	-17.5	91	0.00
42 TM	1,2-Dichloroethane	0.420	0.465	-10.7	86	0.00
43 T	Isopropyl Acetate	0.401	0.456	-13.7	90	0.00
44 TM	Trichloroethene	0.413	0.430	-4.1	80	0.00
45 C	1,2-Dichloropropane	0.356	0.402	-12.9#	87	0.00
46 T	Dibromomethane	0.198	0.226	-14.1	87	0.00
47 T	Bromodichloromethane	0.516	0.580	-12.4	87	0.00
48 T	Methyl methacrylate	0.185	0.204	-10.3	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	93	0.00
50 S	Toluene-d8	1.076	1.054	2.0	81	0.00
51 T	4-Methyl-2-Pentanone	0.200	0.248	-24.0	94	0.00
52 CM	Toluene	0.937	1.016	-8.4#	81	0.00
53 T	t-1,3-Dichloropropene	0.468	0.502	-7.3	81	0.00
54 T	cis-1,3-Dichloropropene	0.555	0.616	-11.0	83	0.00
55 T	1,1,2-Trichloroethane	0.271	0.308	-13.7	90	0.00
56 T	Ethyl methacrylate	0.310	0.370	-19.4	86	0.00
57 T	1,3-Dichloropropane	0.454	0.514	-13.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.094	0.082	12.8	77	0.00
59 T	2-Hexanone	0.135	0.165	-22.2	89	0.00
60 T	Dibromochloromethane	0.352	0.400	-13.6	87	0.00
61 T	1,2-Dibromoethane	0.265	0.295	-11.3	85	0.00
62 S	4-Bromofluorobenzene	0.425	0.439	-3.3	80	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.365	0.360	1.4	79	0.00
65 PM	Chlorobenzene	1.090	1.119	-2.7	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.410	0.425	-3.7	86	0.00
67 C	Ethyl Benzene	1.865	1.977	-6.0#	82	0.00
68 T	m/p-Xylenes	0.743	0.787	-5.9	81	0.00
69 T	o-Xylene	0.685	0.729	-6.4	81	0.00
70 T	Styrene	1.175	1.279	-8.9	83	0.00
71 P	Bromoform	0.223	0.241	-8.1	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.620	3.720	-2.8	82	0.00
74 T	N-amyl acetate	0.788	0.824	-4.6	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.647	0.712	-10.0	94	0.00
76 T	1,2,3-Trichloropropane	0.488	0.539	-10.5	102	0.00
77 T	Bromobenzene	0.858	0.866	-0.9	86	0.00
78 T	n-propylbenzene	4.428	4.671	-5.5	85	0.00
79 T	2-Chlorotoluene	2.557	2.613	-2.2	83	0.00
80 T	1,3,5-Trimethylbenzene	3.110	3.237	-4.1	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.190	0.196	-3.2	86	0.00
82 T	4-Chlorotoluene	2.705	2.770	-2.4	84	0.00
83 T	tert-Butylbenzene	2.620	2.741	-4.6	85	0.00
84 T	1,2,4-Trimethylbenzene	3.027	3.182	-5.1	84	0.00
85 T	sec-Butylbenzene	3.960	4.170	-5.3	85	0.00
86 T	p-Isopropyltoluene	3.268	3.473	-6.3	83	0.00
87 T	1,3-Dichlorobenzene	1.735	1.774	-2.2	86	0.00
88 T	1,4-Dichlorobenzene	1.748	1.754	-0.3	86	0.00
89 T	n-Butylbenzene	3.097	3.258	-5.2	84	0.00
90 T	Hexachloroethane	0.663	0.661	0.3	86	0.00
91 T	1,2-Dichlorobenzene	1.509	1.531	-1.5	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.106	0.112	-5.7	91	0.00
93 T	1,2,4-Trichlorobenzene	0.921	0.913	0.9	84	0.00
94 T	Hexachlorobutadiene	0.517	0.511	1.2	84	0.00
95 T	Naphthalene	1.666	1.798	-7.9	87	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.803	0.811	-1.0	87	0.00

(#) = Out of Range

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