

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074642.D
 Acq On : 25 Oct 2022 20:04
 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: Oct 27 01:23:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 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	140	0.00
2 T	Dichlorodifluoromethane	0.388	0.305	21.4	115	0.00
3 P	Chloromethane	0.525	0.477	9.1	129	0.00
4 C	Vinyl Chloride	0.581	0.512	11.9#	122	0.00
5 T	Bromomethane	0.440	0.357	18.9	128	0.00
6 T	Chloroethane	0.399	0.373	6.5	130	0.00
7 T	Trichlorofluoromethane	0.824	0.767	6.9	135	0.00
8 T	Diethyl Ether	0.238	0.250	-5.0	137	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.531	0.516	2.8	137	0.00
10 T	Methyl Iodide	0.605	0.594	1.8	124	0.00
11 T	Tert butyl alcohol	0.064	0.033	48.4#	121	0.00
12 CM	1,1-Dichloroethene	0.531	0.506	4.7#	133	0.00
13 T	Acrolein	0.041	0.039	4.9	133	0.00
14 T	Allyl chloride	0.574	0.567	1.2	132	0.00
15 T	Acrylonitrile	0.097	0.106	-9.3	144	0.00
16 T	Acetone	0.083	0.069	16.9	115	0.00
17 T	Carbon Disulfide	1.454	1.102	24.2	110	0.00
18 T	Methyl Acetate	0.252	0.244	3.2	146	0.00
19 T	Methyl tert-butyl Ether	1.038	1.172	-12.9	150	0.00
20 T	Methylene Chloride	0.882	0.626	29.0#	126	0.00
21 T	trans-1,2-Dichloroethene	0.592	0.559	5.6	134	0.00
22 T	Diisopropyl ether	1.158	1.318	-13.8	153#	0.00
23 T	Vinyl Acetate	0.506	0.499	1.4	135	0.00
24 P	1,1-Dichloroethane	0.898	0.933	-3.9	142	0.00
25 T	2-Butanone	0.111	0.111	0.0	141	0.00
26 T	2,2-Dichloropropane	0.859	0.810	5.7	138	0.00
27 T	cis-1,2-Dichloroethene	0.657	0.686	-4.4	143	0.00
28 T	Bromochloromethane	0.219	0.290	-32.4#	155#	0.00
29 T	Tetrahydrofuran	0.061	0.072	-18.0	157#	0.00
30 C	Chloroform	0.967	1.043	-7.9#	150#	0.00
31 T	Cyclohexane	0.767	0.665	13.3	129	0.00
32 T	1,1,1-Trichloroethane	0.887	0.900	-1.5	143	0.00
33 S	1,2-Dichloroethane-d4	0.382	0.331	13.4	128	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	136	0.00
35 S	Dibromofluoromethane	0.306	0.282	7.8	145	0.00
36 T	1,1-Dichloropropene	0.449	0.443	1.3	138	0.00
37 T	Ethyl Acetate	0.142	0.164	-15.5	155#	0.00
38 T	Carbon Tetrachloride	0.440	0.437	0.7	135	0.00
39 T	Methylcyclohexane	0.537	0.516	3.9	129	0.00
40 TM	Benzene	1.333	1.377	-3.3	138	0.00
41 T	Methacrylonitrile	0.076	0.090	-18.4	184#	0.00
42 TM	1,2-Dichloroethane	0.308	0.327	-6.2	142	0.00
43 T	Isopropyl Acetate	0.263	0.316	-20.2	157#	0.00
44 TM	Trichloroethene	0.391	0.411	-5.1	143	0.00
45 C	1,2-Dichloropropane	0.293	0.327	-11.6#	149	0.00
46 T	Dibromomethane	0.169	0.194	-14.8	152#	0.00
47 T	Bromodichloromethane	0.418	0.487	-16.5	152#	0.00
48 T	Methyl methacrylate	0.120	0.135	-12.5	151#	0.00

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 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	163#	0.00
50 S	Toluene-d8	1.001	0.842	15.9	115	0.00
51 T	4-Methyl-2-Pentanone	0.131	0.152	-16.0	148	0.00
52 CM	Toluene	0.822	0.821	0.1#	129	0.00
53 T	t-1,3-Dichloropropene	0.367	0.379	-3.3	134	0.00
54 T	cis-1,3-Dichloropropene	0.463	0.512	-10.6	146	0.00
55 T	1,1,2-Trichloroethane	0.232	0.253	-9.1	142	0.00
56 T	Ethyl methacrylate	0.254	0.285	-12.2	139	0.00
57 T	1,3-Dichloropropane	0.376	0.391	-4.0	135	0.00
58 T	2-Chloroethyl Vinyl ether	0.056	0.068	-21.4	164#	0.00
59 T	2-Hexanone	0.089	0.099	-11.2	142	0.00
60 T	Dibromochloromethane	0.280	0.308	-10.0	140	0.00
61 T	1,2-Dibromoethane	0.212	0.231	-9.0	139	0.00
62 S	4-Bromofluorobenzene	0.331	0.281	15.1	144	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	125	0.00
64 T	Tetrachloroethene	0.370	0.365	1.4	129	0.00
65 PM	Chlorobenzene	1.053	1.111	-5.5	131	0.00
66 T	1,1,1,2-Tetrachloroethane	0.362	0.402	-11.0	137	0.00
67 C	Ethyl Benzene	1.834	1.935	-5.5#	133	0.00
68 T	m/p-Xylenes	0.729	0.773	-6.0	143	0.00
69 T	o-Xylene	0.679	0.739	-8.8	144	0.00
70 T	Styrene	1.143	1.295	-13.3	148	0.00
71 P	Bromoform	0.190	0.224	-17.9	159#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	142	0.00
73 T	Isopropylbenzene	3.899	3.998	-2.5	142	0.00
74 T	N-amyl acetate	0.576	0.657	-14.1	156#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.617	0.691	-12.0	157#	0.00
76 T	1,2,3-Trichloropropane	0.437	0.416	4.8	120	0.00
77 T	Bromobenzene	0.880	0.945	-7.4	146	0.00
78 T	n-propylbenzene	4.608	4.728	-2.6	143	0.00
79 T	2-Chlorotoluene	2.497	2.561	-2.6	144	0.00
80 T	1,3,5-Trimethylbenzene	3.165	3.264	-3.1	146	0.00
81 T	trans-1,4-Dichloro-2-butene	0.171	0.168	1.8	146	0.00
82 T	4-Chlorotoluene	2.565	2.656	-3.5	147	0.00
83 T	tert-Butylbenzene	2.824	3.008	-6.5	150	0.00
84 T	1,2,4-Trimethylbenzene	3.115	3.248	-4.3	143	0.00
85 T	sec-Butylbenzene	4.238	4.307	-1.6	142	0.00
86 T	p-Isopropyltoluene	3.550	3.687	-3.9	144	0.00
87 T	1,3-Dichlorobenzene	1.829	1.905	-4.2	148	0.00
88 T	1,4-Dichlorobenzene	1.790	1.838	-2.7	147	0.00
89 T	n-Butylbenzene	3.234	3.337	-3.2	142	0.00
90 T	Hexachloroethane	0.618	0.635	-2.8	146	0.00
91 T	1,2-Dichlorobenzene	1.526	1.637	-7.3	151#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.085	0.094	-10.6	155#	0.00
93 T	1,2,4-Trichlorobenzene	1.006	1.063	-5.7	149	0.00
94 T	Hexachlorobutadiene	0.554	0.564	-1.8	143	0.00
95 T	Naphthalene	1.894	2.069	-9.2	152#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.863	0.943	-9.3	150	0.00

(#) = Out of Range

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