

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040723\
 Data File : VD075596.D
 Acq On : 07 Apr 2023 11:24
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 10 02:02:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 23:52:37 2023
 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	155#	0.00
2 T	Dichlorodifluoromethane	0.499	0.446	10.6	148	0.00
3 P	Chloromethane	0.825	0.785	4.8	159#	0.00
4 C	Vinyl Chloride	1.200	1.135	5.4#	155#	0.00
5 T	Bromomethane	0.940	0.922	1.9	160#	0.00
6 T	Chloroethane	0.804	0.764	5.0	157#	0.00
7 T	Trichlorofluoromethane	0.967	0.900	6.9	153#	0.00
8 T	Diethyl Ether	0.258	0.268	-3.9	160#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.629	0.584	7.2	153#	0.00
10 T	Methyl Iodide	0.751	0.718	4.4	151#	0.00
11 T	Tert butyl alcohol	0.021	0.021	0.0	153#	0.00
12 CM	1,1-Dichloroethene	0.621	0.582	6.3#	148	0.00
13 T	Acrolein	0.042	0.043	-2.4	171#	0.00
14 T	Allyl chloride	0.535	0.512	4.3	157#	0.00
15 T	Acrylonitrile	0.095	0.102	-7.4	172#	0.00
16 T	Acetone	0.084	0.107	-27.4#	196#	0.00
17 T	Carbon Disulfide	1.875	1.717	8.4	148	0.00
18 T	Methyl Acetate	0.240	0.266	-10.8	181#	0.00
19 T	Methyl tert-butyl Ether	1.078	1.174	-8.9	168#	0.00
20 T	Methylene Chloride	0.809	0.727	10.1	173#	0.00
21 T	trans-1,2-Dichloroethene	0.706	0.700	0.8	159#	0.00
22 T	Diisopropyl ether	1.159	1.245	-7.4	168#	0.00
23 T	Vinyl Acetate	0.562	0.608	-8.2	165#	0.00
24 P	1,1-Dichloroethane	1.004	1.004	0.0	161#	0.00
25 T	2-Butanone	0.106	0.126	-18.9	186#	0.00
26 T	2,2-Dichloropropane	0.923	0.906	1.8	158#	0.00
27 T	cis-1,2-Dichloroethene	0.757	0.789	-4.2	164#	0.00
28 T	Bromochloromethane	0.324	0.362	-11.7	173#	0.00
29 T	Tetrahydrofuran	0.058	0.064	-10.3	176#	0.00
30 C	Chloroform	1.115	1.146	-2.8#	164#	0.00
31 T	Cyclohexane	0.808	0.718	11.1	146	0.00
32 T	1,1,1-Trichloroethane	0.978	0.976	0.2	162#	0.00
33 S	1,2-Dichloroethane-d4	0.454	0.528	-16.3	175#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	187#	0.00
35 S	Dibromofluoromethane	0.342	0.322	5.8	168#	0.00
36 T	1,1-Dichloropropene	0.507	0.412	18.7	153#	0.00
37 T	Ethyl Acetate	0.132	0.128	3.0	185#	0.00
38 T	Carbon Tetrachloride	0.486	0.396	18.5	154#	0.00
39 T	Methylcyclohexane	0.640	0.589	8.0	175#	0.00
40 TM	Benzene	1.521	1.332	12.4	167#	0.00
41 T	Methacrylonitrile	0.070	0.064	8.6	176#	0.01
42 TM	1,2-Dichloroethane	0.335	0.295	11.9	168#	0.00
43 T	Isopropyl Acetate	0.245	0.231	5.7	179#	0.00
44 TM	Trichloroethene	0.447	0.462	-3.4	202#	0.00
45 C	1,2-Dichloropropane	0.327	0.336	-2.8#	194#	0.00
46 T	Dibromomethane	0.202	0.218	-7.9	206#	0.00
47 T	Bromodichloromethane	0.488	0.508	-4.1	198#	0.00
48 T	Methyl methacrylate	0.115	0.123	-7.0	209#	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	201#	0.00
50 S	Toluene-d8	1.353	1.271	6.1	161#	0.00
51 T	4-Methyl-2-Pentanone	0.127	0.126	0.8	185#	0.00
52 CM	Toluene	0.986	0.868	12.0#	162#	0.00
53 T	t-1,3-Dichloropropene	0.439	0.410	6.6	174#	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.563	-4.5	196#	0.00
55 T	1,1,2-Trichloroethane	0.285	0.263	7.7	174#	0.00
56 T	Ethyl methacrylate	0.272	0.271	0.4	179#	0.00
57 T	1,3-Dichloropropane	0.439	0.401	8.7	173#	0.00
58 T	2-Chloroethyl Vinyl ether	0.133	0.150	-12.8	203#	0.00
59 T	2-Hexanone	0.090	0.093	-3.3	187#	0.00
60 T	Dibromochloromethane	0.337	0.314	6.8	176#	0.00
61 T	1,2-Dibromoethane	0.269	0.257	4.5	179#	0.00
62 S	4-Bromofluorobenzene	0.391	0.368	5.9	167#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	162#	0.00
64 T	Tetrachloroethene	0.395	0.395	0.0	161#	0.00
65 PM	Chlorobenzene	1.186	1.203	-1.4	166#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.406	0.427	-5.2	171#	0.00
67 C	Ethyl Benzene	2.042	2.073	-1.5#	161#	0.00
68 T	m/p-Xylenes	0.821	0.856	-4.3	162#	0.00
69 T	o-Xylene	0.762	0.798	-4.7	163#	0.00
70 T	Styrene	1.268	1.405	-10.8	171#	0.00
71 P	Bromoform	0.207	0.231	-11.6	182#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	167#	0.00
73 T	Isopropylbenzene	4.004	3.863	3.5	159#	0.00
74 T	N-amyl acetate	0.496	0.520	-4.8	181#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.679	0.706	-4.0	182#	0.00
76 T	1,2,3-Trichloropropane	0.410	0.472	-15.1	206#	0.00
77 T	Bromobenzene	0.952	0.931	2.2	170#	0.00
78 T	n-propylbenzene	4.865	4.679	3.8	162#	0.00
79 T	2-Chlorotoluene	2.636	2.517	4.5	164#	0.00
80 T	1,3,5-Trimethylbenzene	3.283	3.228	1.7	164#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.195	0.210	-7.7	179#	0.00
82 T	4-Chlorotoluene	2.720	2.666	2.0	170#	0.00
83 T	tert-Butylbenzene	2.854	2.749	3.7	159#	0.00
84 T	1,2,4-Trimethylbenzene	3.173	3.206	-1.0	167#	0.00
85 T	sec-Butylbenzene	4.418	4.190	5.2	159#	0.00
86 T	p-Isopropyltoluene	3.610	3.548	1.7	161#	0.00
87 T	1,3-Dichlorobenzene	1.968	1.956	0.6	170#	0.00
88 T	1,4-Dichlorobenzene	1.947	1.912	1.8	172#	0.00
89 T	n-Butylbenzene	3.311	3.185	3.8	161#	0.00
90 T	Hexachloroethane	0.697	0.655	6.0	165#	0.00
91 T	1,2-Dichlorobenzene	1.665	1.664	0.1	171#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.085	0.090	-5.9	178#	0.00
93 T	1,2,4-Trichlorobenzene	0.971	0.915	5.8	166#	0.00
94 T	Hexachlorobutadiene	0.463	0.428	7.6	159#	0.00
95 T	Naphthalene	1.783	1.798	-0.8	171#	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	0.838	0.791	5.6	167#	0.00

(#) = Out of Range

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