

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074839.D
 Acq On : 09 Nov 2022 20:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 10 00:38:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 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	153#	0.00
2 T	Dichlorodifluoromethane	0.411	0.334	18.7	137	0.00
3 P	Chloromethane	0.655	0.545	16.8	135	0.00
4 C	Vinyl Chloride	0.719	0.651	9.5#	140	0.00
5 T	Bromomethane	0.545	0.483	11.4	152#	0.00
6 T	Chloroethane	0.498	0.470	5.6	147	0.00
7 T	Trichlorofluoromethane	0.835	0.844	-1.1	155#	0.00
8 T	Diethyl Ether	0.244	0.248	-1.6	156#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.530	0.531	-0.2	157#	0.00
10 T	Methyl Iodide	0.571	0.660	-15.6	157#	0.00
11 T	Tert butyl alcohol	0.070	0.025	64.3#	103	0.01
12 CM	1,1-Dichloroethene	0.539	0.537	0.4#	150	0.00
13 T	Acrolein	0.027	0.023	14.8	135	0.00
14 T	Allyl chloride	0.570	0.560	1.8	149	0.00
15 T	Acrylonitrile	0.096	0.092	4.2	146	0.00
16 T	Acetone	0.083	0.065	21.7	118	0.00
17 T	Carbon Disulfide	1.624	1.485	8.6	137	0.00
18 T	Methyl Acetate	0.250	0.213	14.8	145	0.00
19 T	Methyl tert-butyl Ether	1.024	1.087	-6.2	159#	0.00
20 T	Methylene Chloride	1.061	0.738	30.4#	164#	0.00
21 T	trans-1,2-Dichloroethene	0.592	0.596	-0.7	152#	0.00
22 T	Diisopropyl ether	1.176	1.198	-1.9	148	0.00
23 T	Vinyl Acetate	0.500	0.517	-3.4	157#	0.00
24 P	1,1-Dichloroethane	0.900	0.881	2.1	151#	0.00
25 T	2-Butanone	0.114	0.098	14.0	133	0.00
26 T	2,2-Dichloropropane	0.828	0.798	3.6	151#	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.670	-2.6	156#	0.00
28 T	Bromochloromethane	0.284	0.274	3.5	151#	0.00
29 T	Tetrahydrofuran	0.065	0.062	4.6	142	0.00
30 C	Chloroform	0.961	0.979	-1.9#	157#	0.00
31 T	Cyclohexane	0.802	0.763	4.9	148	0.00
32 T	1,1,1-Trichloroethane	0.849	0.872	-2.7	157#	0.00
33 S	1,2-Dichloroethane-d4	0.396	0.312	21.2	128	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	134	0.00
35 S	Dibromofluoromethane	0.296	0.327	-10.5	158#	0.00
36 T	1,1-Dichloropropene	0.449	0.439	2.2	128	0.00
37 T	Ethyl Acetate	0.150	0.161	-7.3	145	0.00
38 T	Carbon Tetrachloride	0.425	0.413	2.8	128	0.00
39 T	Methylcyclohexane	0.546	0.591	-8.2	137	0.00
40 TM	Benzene	1.327	1.301	2.0	130	0.00
41 T	Methacrylonitrile	0.079	0.098	-24.1	156#	0.00
42 TM	1,2-Dichloroethane	0.305	0.301	1.3	131	0.00
43 T	Isopropyl Acetate	0.279	0.303	-8.6	145	0.00
44 TM	Trichloroethene	0.378	0.390	-3.2	137	0.00
45 C	1,2-Dichloropropane	0.293	0.295	-0.7#	130	0.00
46 T	Dibromomethane	0.170	0.172	-1.2	131	0.00
47 T	Bromodichloromethane	0.409	0.432	-5.6	135	0.00
48 T	Methyl methacrylate	0.124	0.126	-1.6	127	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	122	0.00
50 S	Toluene-d8	1.079	1.048	2.9	147	0.00
51 T	4-Methyl-2-Pentanone	0.135	0.139	-3.0	134	0.00
52 CM	Toluene	0.812	0.866	-6.7#	148	0.00
53 T	t-1,3-Dichloropropene	0.362	0.387	-6.9	149	0.00
54 T	cis-1,3-Dichloropropene	0.454	0.480	-5.7	134	0.00
55 T	1,1,2-Trichloroethane	0.231	0.261	-13.0	163#	0.00
56 T	Ethyl methacrylate	0.258	0.287	-11.2	153#	0.00
57 T	1,3-Dichloropropane	0.372	0.393	-5.6	150#	0.00
58 T	2-Chloroethyl Vinyl ether	0.068	0.087	-27.9#	166#	0.00
59 T	2-Hexanone	0.093	0.097	-4.3	141	0.00
60 T	Dibromochloromethane	0.276	0.295	-6.9	155#	0.00
61 T	1,2-Dibromoethane	0.218	0.233	-6.9	154#	0.00
62 S	4-Bromofluorobenzene	0.312	0.332	-6.4	154#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	150	0.00
64 T	Tetrachloroethene	0.353	0.377	-6.8	164#	0.00
65 PM	Chlorobenzene	0.990	1.038	-4.8	153#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.336	0.357	-6.2	153#	0.00
67 C	Ethyl Benzene	1.755	1.869	-6.5#	151#	0.00
68 T	m/p-Xylenes	0.697	0.919	-31.9#	187#	0.00
69 T	o-Xylene	0.640	0.759	-18.6	165#	0.00
70 T	Styrene	1.085	1.170	-7.8	152#	0.00
71 P	Bromoform	0.180	0.190	-5.6	151#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	143	0.00
73 T	Isopropylbenzene	3.653	4.072	-11.5	153#	0.00
74 T	N-amyl acetate	0.593	0.621	-4.7	145	0.00
75 P	1,1,2,2-Tetrachloroethane	0.614	0.626	-2.0	146	0.00
76 T	1,2,3-Trichloropropane	0.388	0.411	-5.9	149	0.00
77 T	Bromobenzene	0.841	0.968	-15.1	163#	0.00
78 T	n-propylbenzene	4.376	4.814	-10.0	150#	0.00
79 T	2-Chlorotoluene	2.356	2.663	-13.0	157#	0.00
80 T	1,3,5-Trimethylbenzene	2.980	3.522	-18.2	161#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.163	0.174	-6.7	148	0.00
82 T	4-Chlorotoluene	2.451	2.590	-5.7	148	0.00
83 T	tert-Butylbenzene	2.626	2.884	-9.8	149	0.00
84 T	1,2,4-Trimethylbenzene	2.941	4.203	-42.9#	196#	0.00
85 T	sec-Butylbenzene	3.962	4.256	-7.4	149	0.00
86 T	p-Isopropyltoluene	3.337	3.574	-7.1	148	0.00
87 T	1,3-Dichlorobenzene	1.744	1.825	-4.6	149	0.00
88 T	1,4-Dichlorobenzene	1.715	1.761	-2.7	147	0.00
89 T	n-Butylbenzene	3.052	3.257	-6.7	146	0.00
90 T	Hexachloroethane	0.572	0.591	-3.3	142	0.00
91 T	1,2-Dichlorobenzene	1.486	1.532	-3.1	147	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.085	0.089	-4.7	153#	0.00
93 T	1,2,4-Trichlorobenzene	0.917	0.957	-4.4	149	0.00
94 T	Hexachlorobutadiene	0.480	0.510	-6.3	150#	0.00
95 T	Naphthalene	1.762	2.058	-16.8	160#	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	0.807	0.830	-2.9	148	0.00

(#) = Out of Range

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