

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072968.D
 Acq On : 13 May 2022 01:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleID :
 VSTDCCC050

Quant Time: May 13 06:00:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 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	87	0.00
2 T	Dichlorodifluoromethane	0.691	0.555	19.7	71	0.00
3 P	Chloromethane	0.719	0.555	22.8	70	0.00
4 C	Vinyl Chloride	0.645	0.536	16.9#	71	0.00
5 T	Bromomethane	0.433	0.370	14.5	80	0.00
6 T	Chloroethane	0.402	0.340	15.4	76	0.00
7 T	Trichlorofluoromethane	1.129	1.018	9.8	80	0.00
8 T	Diethyl Ether	0.324	0.292	9.9	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.670	0.622	7.2	82	0.00
10 T	Methyl Iodide	0.673	0.594	11.7	73	0.00
11 T	Tert butyl alcohol	0.056	0.062	-10.7	113	-0.01
12 CM	1,1-Dichloroethene	0.603	0.543	10.0#	79	0.00
13 T	Acrolein	0.045	0.016	64.4#	37#	0.00
14 T	Allyl chloride	0.973	0.897	7.8	79	0.00
15 T	Acrylonitrile	0.154	0.142	7.8	81	0.00
16 T	Acetone	0.136	0.104	23.5	65	0.00
17 T	Carbon Disulfide	1.896	1.595	15.9	74	0.00
18 T	Methyl Acetate	0.383	0.342	10.7	85	0.00
19 T	Methyl tert-butyl Ether	1.445	1.435	0.7	84	0.00
20 T	Methylene Chloride	1.004	0.799	20.4	90	0.00
21 T	trans-1,2-Dichloroethene	0.691	0.662	4.2	82	0.00
22 T	Diisopropyl ether	2.141	2.031	5.1	80	0.00
23 T	Vinyl Acetate	1.183	1.126	4.8	79	0.00
24 P	1,1-Dichloroethane	1.286	1.250	2.8	86	0.00
25 T	2-Butanone	0.189	0.172	9.0	77	0.00
26 T	2,2-Dichloropropane	1.088	0.939	13.7	75	0.00
27 T	cis-1,2-Dichloroethene	0.792	0.762	3.8	84	0.00
28 T	Bromochloromethane	0.480	0.497	-3.5	87	0.00
29 T	Tetrahydrofuran	0.121	0.113	6.6	81	0.00
30 C	Chloroform	1.361	1.323	2.8#	87	0.00
31 T	Cyclohexane	1.135	0.976	14.0	74	0.00
32 T	1,1,1-Trichloroethane	1.160	1.132	2.4	85	0.00
33 S	1,2-Dichloroethane-d4	0.649	0.628	3.2	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.351	0.384	-9.4	97	0.00
36 T	1,1-Dichloropropene	0.571	0.542	5.1	80	0.00
37 T	Ethyl Acetate	0.262	0.250	4.6	80	0.00
38 T	Carbon Tetrachloride	0.593	0.588	0.8	85	0.00
39 T	Methylcyclohexane	0.662	0.599	9.5	76	0.00
40 TM	Benzene	1.649	1.643	0.4	86	0.00
41 T	Methacrylonitrile	0.156	0.144	7.7	73	0.00
42 TM	1,2-Dichloroethane	0.497	0.474	4.6	83	0.00
43 T	Isopropyl Acetate	0.484	0.454	6.2	79	0.00
44 TM	Trichloroethene	0.441	0.426	3.4	84	0.00
45 C	1,2-Dichloropropane	0.433	0.424	2.1#	85	0.00
46 T	Dibromomethane	0.239	0.230	3.8	84	0.00
47 T	Bromodichloromethane	0.615	0.602	2.1	85	0.00
48 T	Methyl methacrylate	0.237	0.233	1.7	80	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	0.003	0.003	0.0	83	0.00
50 S	Toluene-d8	1.260	1.361	-8.0	95	0.00
51 T	4-Methyl-2-Pentanone	0.252	0.251	0.4	83	0.00
52 CM	Toluene	1.029	1.061	-3.1#	86	0.00
53 T	t-1,3-Dichloropropene	0.564	0.549	2.7	83	0.00
54 T	cis-1,3-Dichloropropene	0.656	0.638	2.7	84	0.00
55 T	1,1,2-Trichloroethane	0.323	0.319	1.2	85	0.00
56 T	Ethyl methacrylate	0.380	0.393	-3.4	82	0.00
57 T	1,3-Dichloropropane	0.554	0.542	2.2	85	0.00
58 T	2-Chloroethyl Vinyl ether	0.184	0.204	-10.9	88	0.00
59 T	2-Hexanone	0.169	0.169	0.0	78	0.00
60 T	Dibromochloromethane	0.407	0.411	-1.0	88	0.00
61 T	1,2-Dibromoethane	0.314	0.313	0.3	86	0.00
62 S	4-Bromofluorobenzene	0.470	0.512	-8.9	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.366	0.342	6.6	83	0.00
65 PM	Chlorobenzene	1.156	1.151	0.4	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.435	0.440	-1.1	87	0.00
67 C	Ethyl Benzene	2.001	2.081	-4.0#	87	0.00
68 T	m/p-Xylenes	0.771	0.800	-3.8	85	0.00
69 T	o-Xylene	0.720	0.750	-4.2	86	0.00
70 T	Styrene	1.247	1.348	-8.1	88	0.00
71 P	Bromoform	0.236	0.238	-0.8	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.890	4.069	-4.6	88	0.00
74 T	N-amyl acetate	0.969	0.949	2.1	83	0.00
75 P	1,1,2,2-Tetrachloroethane	0.785	0.790	-0.6	91	0.00
76 T	1,2,3-Trichloropropane	0.558	0.544	2.5	82	0.00
77 T	Bromobenzene	0.924	0.927	-0.3	87	0.00
78 T	n-propylbenzene	4.903	5.057	-3.1	87	0.00
79 T	2-Chlorotoluene	2.864	2.889	-0.9	88	0.00
80 T	1,3,5-Trimethylbenzene	3.299	3.420	-3.7	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.242	0.232	4.1	81	0.00
82 T	4-Chlorotoluene	2.992	3.046	-1.8	88	0.00
83 T	tert-Butylbenzene	2.804	2.805	-0.0	84	0.00
84 T	1,2,4-Trimethylbenzene	3.297	3.433	-4.1	88	0.00
85 T	sec-Butylbenzene	4.230	4.401	-4.0	87	0.00
86 T	p-Isopropyltoluene	3.468	3.608	-4.0	87	0.00
87 T	1,3-Dichlorobenzene	1.861	1.893	-1.7	90	0.00
88 T	1,4-Dichlorobenzene	1.853	1.883	-1.6	91	0.00
89 T	n-Butylbenzene	3.359	3.437	-2.3	85	0.00
90 T	Hexachloroethane	0.710	0.735	-3.5	91	0.00
91 T	1,2-Dichlorobenzene	1.622	1.662	-2.5	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.124	0.123	0.8	88	0.00
93 T	1,2,4-Trichlorobenzene	0.960	0.983	-2.4	87	0.00
94 T	Hexachlorobutadiene	0.525	0.508	3.2	86	0.00
95 T	Naphthalene	1.766	1.902	-7.7	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.851	0.872	-2.5	86	0.00

(#) = Out of Range

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