

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074606.D
 Acq On : 20 Oct 2022 19:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 21 03:10:46 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	89	0.00
2 T	Dichlorodifluoromethane	0.388	0.354	8.8	85	0.00
3 P	Chloromethane	0.525	0.538	-2.5	92	0.00
4 C	Vinyl Chloride	0.581	0.589	-1.4#	90	0.00
5 T	Bromomethane	0.440	0.393	10.7	90	0.00
6 T	Chloroethane	0.399	0.409	-2.5	91	0.00
7 T	Trichlorofluoromethane	0.824	0.839	-1.8	94	0.00
8 T	Diethyl Ether	0.238	0.245	-2.9	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.531	0.540	-1.7	91	0.00
10 T	Methyl Iodide	0.605	0.577	4.6	77	0.00
11 T	Tert butyl alcohol	0.064	0.035	45.3#	82	0.00
12 CM	1,1-Dichloroethene	0.531	0.530	0.2#	89	0.00
13 T	Acrolein	0.041	0.034	17.1	75	0.00
14 T	Allyl chloride	0.574	0.555	3.3	83	0.01
15 T	Acrylonitrile	0.097	0.105	-8.2	91	0.00
16 T	Acetone	0.083	0.070	15.7	74	0.00
17 T	Carbon Disulfide	1.454	1.244	14.4	79	0.00
18 T	Methyl Acetate	0.252	0.237	6.0	90	0.00
19 T	Methyl tert-butyl Ether	1.038	1.138	-9.6	92	0.00
20 T	Methylene Chloride	0.882	0.620	29.7#	79	0.00
21 T	trans-1,2-Dichloroethene	0.592	0.599	-1.2	91	0.00
22 T	Diisopropyl ether	1.158	1.253	-8.2	93	0.00
23 T	Vinyl Acetate	0.506	0.470	7.1	81	0.00
24 P	1,1-Dichloroethane	0.898	0.911	-1.4	88	0.00
25 T	2-Butanone	0.111	0.108	2.7	87	0.00
26 T	2,2-Dichloropropane	0.859	0.836	2.7	91	0.00
27 T	cis-1,2-Dichloroethene	0.657	0.676	-2.9	90	0.00
28 T	Bromochloromethane	0.219	0.271	-23.7	92	0.00
29 T	Tetrahydrofuran	0.061	0.066	-8.2	92	0.00
30 C	Chloroform	0.967	1.023	-5.8#	94	0.00
31 T	Cyclohexane	0.767	0.700	8.7	86	0.00
32 T	1,1,1-Trichloroethane	0.887	0.917	-3.4	93	0.00
33 S	1,2-Dichloroethane-d4	0.382	0.345	9.7	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.306	0.284	7.2	90	0.00
36 T	1,1-Dichloropropene	0.449	0.468	-4.2	90	0.00
37 T	Ethyl Acetate	0.142	0.158	-11.3	92	0.00
38 T	Carbon Tetrachloride	0.440	0.476	-8.2	91	0.00
39 T	Methylcyclohexane	0.537	0.526	2.0	81	0.00
40 TM	Benzene	1.333	1.450	-8.8	89	0.00
41 T	Methacrylonitrile	0.076	0.084	-10.5	105	0.00
42 TM	1,2-Dichloroethane	0.308	0.337	-9.4	90	0.00
43 T	Isopropyl Acetate	0.263	0.297	-12.9	90	0.00
44 TM	Trichloroethene	0.391	0.389	0.5	83	0.00
45 C	1,2-Dichloropropane	0.293	0.306	-4.4#	86	0.00
46 T	Dibromomethane	0.169	0.178	-5.3	86	0.00
47 T	Bromodichloromethane	0.418	0.439	-5.0	84	0.00
48 T	Methyl methacrylate	0.120	0.125	-4.2	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	85	0.00
50 S	Toluene-d8	1.001	0.939	6.2	78	0.00
51 T	4-Methyl-2-Pentanone	0.131	0.142	-8.4	85	0.00
52 CM	Toluene	0.822	0.880	-7.1#	85	0.00
53 T	t-1,3-Dichloropropene	0.367	0.385	-4.9	84	0.00
54 T	cis-1,3-Dichloropropene	0.463	0.478	-3.2	84	0.00
55 T	1,1,2-Trichloroethane	0.232	0.258	-11.2	89	0.00
56 T	Ethyl methacrylate	0.254	0.290	-14.2	87	0.00
57 T	1,3-Dichloropropane	0.376	0.403	-7.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.056	0.056	0.0	82	0.00
59 T	2-Hexanone	0.089	0.097	-9.0	86	0.00
60 T	Dibromochloromethane	0.280	0.308	-10.0	86	0.00
61 T	1,2-Dibromoethane	0.212	0.232	-9.4	86	0.00
62 S	4-Bromofluorobenzene	0.331	0.290	12.4	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.370	0.360	2.7	83	0.00
65 PM	Chlorobenzene	1.053	1.124	-6.7	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.362	0.397	-9.7	89	0.00
67 C	Ethyl Benzene	1.834	1.964	-7.1#	89	0.00
68 T	m/p-Xylenes	0.729	0.783	-7.4	95	0.00
69 T	o-Xylene	0.679	0.742	-9.3	95	0.00
70 T	Styrene	1.143	1.278	-11.8	96	0.00
71 P	Bromoform	0.190	0.215	-13.2	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.899	4.092	-4.9	95	0.00
74 T	N-amyl acetate	0.576	0.594	-3.1	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.617	0.648	-5.0	97	0.00
76 T	1,2,3-Trichloropropane	0.437	0.486	-11.2	92	0.00
77 T	Bromobenzene	0.880	0.938	-6.6	95	0.00
78 T	n-propylbenzene	4.608	4.821	-4.6	96	0.00
79 T	2-Chlorotoluene	2.497	2.575	-3.1	95	0.00
80 T	1,3,5-Trimethylbenzene	3.165	3.290	-3.9	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.171	0.164	4.1	94	0.00
82 T	4-Chlorotoluene	2.565	2.632	-2.6	96	0.00
83 T	tert-Butylbenzene	2.824	3.048	-7.9	100	0.00
84 T	1,2,4-Trimethylbenzene	3.115	3.311	-6.3	96	0.00
85 T	sec-Butylbenzene	4.238	4.426	-4.4	96	0.00
86 T	p-Isopropyltoluene	3.550	3.729	-5.0	96	0.00
87 T	1,3-Dichlorobenzene	1.829	1.892	-3.4	96	0.00
88 T	1,4-Dichlorobenzene	1.790	1.871	-4.5	99	0.00
89 T	n-Butylbenzene	3.234	3.375	-4.4	94	0.00
90 T	Hexachloroethane	0.618	0.637	-3.1	96	0.00
91 T	1,2-Dichlorobenzene	1.526	1.660	-8.8	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.085	0.091	-7.1	98	0.00
93 T	1,2,4-Trichlorobenzene	1.006	1.053	-4.7	97	0.00
94 T	Hexachlorobutadiene	0.554	0.587	-6.0	98	0.00
95 T	Naphthalene	1.894	2.078	-9.7	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.863	0.921	-6.7	96	0.00

(#) = Out of Range

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