

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077359.D
 Acq On : 20 Oct 2023 10:41
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 23 08:25:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 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	91	0.00
2 T	Dichlorodifluoromethane	0.465	0.475	-2.2	98	0.00
3 P	Chloromethane	0.947	0.889	6.1	87	0.00
4 C	Vinyl Chloride	1.118	1.067	4.6#	86	0.00
5 T	Bromomethane	0.719	0.693	3.6	92	0.00
6 T	Chloroethane	0.786	0.770	2.0	91	0.00
7 T	Trichlorofluoromethane	1.134	1.014	10.6	86	0.00
8 T	Diethyl Ether	0.304	0.294	3.3	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.587	0.547	6.8	98	0.00
10 T	Methyl Iodide	0.718	0.501	30.2#	66	0.00
11 T	Tert butyl alcohol	0.025	0.026	-4.0	105	0.00
12 CM	1,1-Dichloroethene	0.576	0.507	12.0#	91	0.00
13 T	Acrolein	0.044	0.042	4.5	117	0.00
14 T	Allyl chloride	0.546	0.488	10.6	89	0.00
15 T	Acrylonitrile	0.092	0.112	-21.7	111	0.00
16 T	Acetone	0.098	0.108	-10.2	119	0.00
17 T	Carbon Disulfide	1.692	1.445	14.6	85	0.00
18 T	Methyl Acetate	0.341	0.390	-14.4	117	0.00
19 T	Methyl tert-butyl Ether	0.981	1.050	-7.0	94	0.00
20 T	Methylene Chloride	0.689	0.582	15.5	85	0.00
21 T	trans-1,2-Dichloroethene	0.599	0.548	8.5	82	0.00
22 T	Diisopropyl ether	1.072	1.312	-22.4	103	0.00
23 T	Vinyl Acetate	0.503	0.653	-29.8#	128	0.00
24 P	1,1-Dichloroethane	0.892	0.958	-7.4	97	0.00
25 T	2-Butanone	0.102	0.129	-26.5#	113	0.00
26 T	2,2-Dichloropropane	0.813	0.718	11.7	81	0.00
27 T	cis-1,2-Dichloroethene	0.671	0.608	9.4	82	0.00
28 T	Bromochloromethane	0.326	0.385	-18.1	111	0.00
29 T	Tetrahydrofuran	0.059	0.079	-33.9#	119	0.00
30 C	Chloroform	1.023	0.987	3.5#	86	0.00
31 T	Cyclohexane	0.695	0.678	2.4	93	0.00
32 T	1,1,1-Trichloroethane	0.882	0.832	5.7	85	0.00
33 S	1,2-Dichloroethane-d4	0.446	0.492	-10.3	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.351	0.377	-7.4	103	0.00
36 T	1,1-Dichloropropene	0.462	0.476	-3.0	88	0.00
37 T	Ethyl Acetate	0.145	0.191	-31.7#	125	0.00
38 T	Carbon Tetrachloride	0.513	0.511	0.4	87	0.00
39 T	Methylcyclohexane	0.561	0.518	7.7	79	0.00
40 TM	Benzene	1.401	1.439	-2.7	87	0.00
41 T	Methacrylonitrile	0.069	0.095	-37.7#	102	0.00
42 TM	1,2-Dichloroethane	0.330	0.366	-10.9	95	0.00
43 T	Isopropyl Acetate	0.261	0.340	-30.3#	112	0.00
44 TM	Trichloroethene	0.410	0.365	11.0	76	0.00
45 C	1,2-Dichloropropane	0.323	0.356	-10.2#	93	0.00
46 T	Dibromomethane	0.202	0.223	-10.4	94	0.00
47 T	Bromodichloromethane	0.481	0.494	-2.7	88	0.00
48 T	Methyl methacrylate	0.118	0.152	-28.8#	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	104	0.00
50 S	Toluene-d8	1.258	1.323	-5.2	97	0.00
51 T	4-Methyl-2-Pentanone	0.131	0.191	-45.8#	120	0.00
52 CM	Toluene	0.915	0.927	-1.3#	84	0.00
53 T	t-1,3-Dichloropropene	0.432	0.472	-9.3	90	0.00
54 T	cis-1,3-Dichloropropene	0.529	0.552	-4.3	87	0.00
55 T	1,1,2-Trichloroethane	0.280	0.307	-9.6	93	0.00
56 T	Ethyl methacrylate	0.267	0.318	-19.1	97	0.00
57 T	1,3-Dichloropropane	0.429	0.485	-13.1	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.132	0.157	-18.9	98	0.00
59 T	2-Hexanone	0.094	0.137	-45.7#	119	0.00
60 T	Dibromochloromethane	0.357	0.377	-5.6	91	0.00
61 T	1,2-Dibromoethane	0.263	0.343	-30.4#	111	0.00
62 S	4-Bromofluorobenzene	0.362	0.397	-9.7	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
64 T	Tetrachloroethene	0.372	0.266	28.5#	78	0.00
65 PM	Chlorobenzene	1.090	0.943	13.5	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.414	0.423	-2.2	110	0.00
67 C	Ethyl Benzene	1.807	1.834	-1.5#	105	0.00
68 T	m/p-Xylenes	0.742	0.754	-1.6	104	0.00
69 T	o-Xylene	0.683	0.614	10.1	92	0.00
70 T	Styrene	1.165	1.090	6.4	93	0.00
71 P	Bromoform	0.227	0.193	15.0	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73 T	Isopropylbenzene	3.307	2.965	10.3	79	0.00
74 T	N-amyl acetate	0.476	0.573	-20.4	110	0.00
75 P	1,1,2,2-Tetrachloroethane	0.601	0.675	-12.3	104	0.00
76 T	1,2,3-Trichloropropane	0.583	0.770	-32.1#	103	0.00
77 T	Bromobenzene	0.868	0.765	11.9	79	0.00
78 T	n-propylbenzene	3.983	3.769	5.4	83	0.00
79 T	2-Chlorotoluene	2.169	2.043	5.8	85	0.00
80 T	1,3,5-Trimethylbenzene	2.729	2.554	6.4	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.187	0.216	-15.5	103	0.00
82 T	4-Chlorotoluene	2.259	2.211	2.1	88	0.00
83 T	tert-Butylbenzene	2.420	2.130	12.0	79	0.00
84 T	1,2,4-Trimethylbenzene	2.748	2.610	5.0	82	0.00
85 T	sec-Butylbenzene	3.641	3.346	8.1	82	0.00
86 T	p-Isopropyltoluene	3.163	2.841	10.2	79	0.00
87 T	1,3-Dichlorobenzene	1.827	1.604	12.2	80	0.00
88 T	1,4-Dichlorobenzene	1.811	1.571	13.3	81	0.00
89 T	n-Butylbenzene	2.754	2.618	4.9	85	0.00
90 T	Hexachloroethane	0.639	0.574	10.2	82	0.00
91 T	1,2-Dichlorobenzene	1.544	1.397	9.5	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.074	0.090	-21.6	103	0.00
93 T	1,2,4-Trichlorobenzene	0.962	0.794	17.5	75	0.00
94 T	Hexachlorobutadiene	0.546	0.403	26.2#	70	0.00
95 T	Naphthalene	1.624	1.610	0.9	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.835	0.721	13.7	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6