

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078021.D
 Acq On : 21 Dec 2023 12:12
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 05:10:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 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	96	0.00
2 T	Dichlorodifluoromethane	0.625	0.518	17.1	82	0.00
3 P	Chloromethane	0.851	0.807	5.2	92	0.00
4 C	Vinyl Chloride	1.156	1.188	-2.8#	96	0.00
5 T	Bromomethane	0.649	0.892	-37.4#	127	0.00
6 T	Chloroethane	0.788	0.876	-11.2	105	0.00
7 T	Trichlorofluoromethane	1.064	1.085	-2.0	96	0.01
8 T	Diethyl Ether	0.299	0.317	-6.0	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.609	0.659	-8.2	101	0.00
10 T	Methyl Iodide	0.399	0.668	-67.4#	118	0.00
11 T	Tert butyl alcohol	0.032	0.033	-3.1	113	0.01
12 CM	1,1-Dichloroethene	0.601	0.622	-3.5#	96	0.01
13 T	Acrolein	0.062	0.029	53.2#	45#	0.00
14 T	Allyl chloride	0.827	0.789	4.6	90	0.00
15 T	Acrylonitrile	0.128	0.131	-2.3	97	0.01
16 T	Acetone	0.161	0.128	20.5	104	0.00
17 T	Carbon Disulfide	2.033	1.684	17.2	78	0.00
18 T	Methyl Acetate	0.464	0.532	-14.7	109	0.00
19 T	Methyl tert-butyl Ether	1.275	1.414	-10.9	104	0.00
20 T	Methylene Chloride	0.835	0.761	8.9	101	0.00
21 T	trans-1,2-Dichloroethene	0.681	0.742	-9.0	98	0.01
22 T	Diisopropyl ether	1.727	1.778	-3.0	95	0.00
23 T	Vinyl Acetate	0.844	0.820	2.8	90	0.00
24 P	1,1-Dichloroethane	1.170	1.218	-4.1	97	0.00
25 T	2-Butanone	0.185	0.165	10.8	103	0.00
26 T	2,2-Dichloropropane	0.982	1.039	-5.8	99	0.01
27 T	cis-1,2-Dichloroethene	0.733	0.843	-15.0	105	0.00
28 T	Bromochloromethane	0.473	0.375	20.7	74	0.00
29 T	Tetrahydrofuran	0.094	0.095	-1.1	97	0.00
30 C	Chloroform	1.171	1.316	-12.4#	104	0.00
31 T	Cyclohexane	1.048	0.954	9.0	87	0.00
32 T	1,1,1-Trichloroethane	1.032	1.126	-9.1	100	0.00
33 S	1,2-Dichloroethane-d4	0.589	0.529	10.2	84	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.350	0.358	-2.3	94	0.00
36 T	1,1-Dichloropropene	0.560	0.587	-4.8	95	0.00
37 T	Ethyl Acetate	0.218	0.201	7.8	96	0.00
38 T	Carbon Tetrachloride	0.558	0.593	-6.3	97	0.00
39 T	Methylcyclohexane	0.664	0.688	-3.6	92	0.00
40 TM	Benzene	1.590	1.713	-7.7	99	0.00
41 T	Methacrylonitrile	0.111	0.119	-7.2	110	0.00
42 TM	1,2-Dichloroethane	0.412	0.452	-9.7	101	0.00
43 T	Isopropyl Acetate	0.388	0.391	-0.8	96	0.00
44 TM	Trichloroethene	0.414	0.455	-9.9	100	0.00
45 C	1,2-Dichloropropane	0.387	0.429	-10.9#	102	0.00
46 T	Dibromomethane	0.205	0.233	-13.7	105	0.00
47 T	Bromodichloromethane	0.518	0.604	-16.6	106	0.00
48 T	Methyl methacrylate	0.221	0.231	-4.5	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	114	0.00
50 S	Toluene-d8	1.403	1.334	4.9	85	0.00
51 T	4-Methyl-2-Pentanone	0.198	0.208	-5.1	98	0.00
52 CM	Toluene	0.986	1.087	-10.2#	98	0.00
53 T	t-1,3-Dichloropropene	0.498	0.560	-12.4	103	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.683	-13.5	103	0.00
55 T	1,1,2-Trichloroethane	0.280	0.322	-15.0	107	0.00
56 T	Ethyl methacrylate	0.247	0.275	-11.3	102	0.00
57 T	1,3-Dichloropropane	0.482	0.548	-13.7	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.116	17.7	83	0.00
59 T	2-Hexanone	0.164	0.149	9.1	97	0.00
60 T	Dibromochloromethane	0.337	0.403	-19.6	110	0.00
61 T	1,2-Dibromoethane	0.263	0.303	-15.2	108	0.00
62 S	4-Bromofluorobenzene	0.419	0.411	1.9	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.367	0.381	-3.8	95	0.00
65 PM	Chlorobenzene	1.310	1.265	3.4	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.416	0.478	-14.9	107	0.00
67 C	Ethyl Benzene	2.082	2.307	-10.8#	102	0.00
68 T	m/p-Xylenes	0.796	0.915	-14.9	103	0.00
69 T	o-Xylene	0.734	0.848	-15.5	105	0.00
70 T	Styrene	1.091	1.281	-17.4	106	0.00
71 P	Bromoform	0.217	0.247	-13.8	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.790	4.109	-8.4	103	0.00
74 T	N-amyl acetate	0.745	0.698	6.3	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.661	0.707	-7.0	105	0.00
76 T	1,2,3-Trichloropropane	0.434	0.513	-18.2	101	0.00
77 T	Bromobenzene	0.891	0.958	-7.5	106	0.00
78 T	n-propylbenzene	4.618	4.956	-7.3	101	0.00
79 T	2-Chlorotoluene	2.475	2.674	-8.0	104	0.00
80 T	1,3,5-Trimethylbenzene	3.161	3.428	-8.4	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.229	-7.0	106	0.00
82 T	4-Chlorotoluene	2.587	2.797	-8.1	103	0.00
83 T	tert-Butylbenzene	2.668	2.992	-12.1	104	0.00
84 T	1,2,4-Trimethylbenzene	3.161	3.529	-11.6	105	0.00
85 T	sec-Butylbenzene	3.944	4.411	-11.8	104	0.00
86 T	p-Isopropyltoluene	3.531	4.003	-13.4	104	0.00
87 T	1,3-Dichlorobenzene	1.823	2.025	-11.1	106	0.00
88 T	1,4-Dichlorobenzene	1.966	1.970	-0.2	105	0.00
89 T	n-Butylbenzene	3.323	3.750	-12.8	103	0.00
90 T	Hexachloroethane	0.649	0.777	-19.7	113	0.00
91 T	1,2-Dichlorobenzene	1.550	1.716	-10.7	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.104	-2.0	106	0.00
93 T	1,2,4-Trichlorobenzene	1.059	1.114	-5.2	107	0.00
94 T	Hexachlorobutadiene	0.571	0.599	-4.9	99	0.00
95 T	Naphthalene	1.759	1.991	-13.2	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.873	0.956	-9.5	109	0.00

(#) = Out of Range

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