

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078039.D
 Acq On : 21 Dec 2023 22:02
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 05:40:17 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	73	0.00
2 T	Dichlorodifluoromethane	0.625	0.561	10.2	68	0.00
3 P	Chloromethane	0.851	0.921	-8.2	81	0.00
4 C	Vinyl Chloride	1.156	1.330	-15.1#	82	0.00
5 T	Bromomethane	0.649	1.066	-64.3#	116	0.00
6 T	Chloroethane	0.788	0.999	-26.8#	91	0.00
7 T	Trichlorofluoromethane	1.064	1.102	-3.6	74	0.01
8 T	Diethyl Ether	0.299	0.350	-17.1	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.609	0.660	-8.4	77	0.01
10 T	Methyl Iodide	0.399	0.821	-105.8#	111	0.00
11 T	Tert butyl alcohol	0.032	0.029	9.4	77	0.00
12 CM	1,1-Dichloroethene	0.601	0.668	-11.1#	79	0.01
13 T	Acrolein	0.062	0.053	14.5	63	0.00
14 T	Allyl chloride	0.827	0.870	-5.2	76	0.01
15 T	Acrylonitrile	0.128	0.145	-13.3	82	0.00
16 T	Acetone	0.161	0.129	19.9	80	0.00
17 T	Carbon Disulfide	2.033	1.850	9.0	66	0.00
18 T	Methyl Acetate	0.464	0.602	-29.7#	95	0.00
19 T	Methyl tert-butyl Ether	1.275	1.561	-22.4	88	0.00
20 T	Methylene Chloride	0.835	0.877	-5.0	89	0.00
21 T	trans-1,2-Dichloroethene	0.681	0.810	-18.9	82	0.00
22 T	Diisopropyl ether	1.727	1.956	-13.3	79	0.00
23 T	Vinyl Acetate	0.844	0.850	-0.7	71	0.00
24 P	1,1-Dichloroethane	1.170	1.397	-19.4	85	0.00
25 T	2-Butanone	0.185	0.171	7.6	82	0.00
26 T	2,2-Dichloropropane	0.982	1.118	-13.8	82	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.934	-27.4#	89	0.00
28 T	Bromochloromethane	0.473	0.532	-12.5	80	0.00
29 T	Tetrahydrofuran	0.094	0.100	-6.4	78	0.00
30 C	Chloroform	1.171	1.485	-26.8#	90	0.00
31 T	Cyclohexane	1.048	0.966	7.8	67	0.00
32 T	1,1,1-Trichloroethane	1.032	1.228	-19.0	84	0.00
33 S	1,2-Dichloroethane-d4	0.589	0.633	-7.5	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.350	0.394	-12.6	83	0.00
36 T	1,1-Dichloropropene	0.560	0.605	-8.0	79	0.00
37 T	Ethyl Acetate	0.218	0.200	8.3	77	0.00
38 T	Carbon Tetrachloride	0.558	0.609	-9.1	80	0.00
39 T	Methylcyclohexane	0.664	0.674	-1.5	72	0.00
40 TM	Benzene	1.590	1.853	-16.5	86	0.00
41 T	Methacrylonitrile	0.111	0.113	-1.8	83	0.00
42 TM	1,2-Dichloroethane	0.412	0.489	-18.7	88	0.00
43 T	Isopropyl Acetate	0.388	0.413	-6.4	82	0.00
44 TM	Trichloroethene	0.414	0.487	-17.6	85	0.00
45 C	1,2-Dichloropropane	0.387	0.466	-20.4#	89	0.00
46 T	Dibromomethane	0.205	0.257	-25.4#	93	0.00
47 T	Bromodichloromethane	0.518	0.646	-24.7	91	0.00
48 T	Methyl methacrylate	0.221	0.226	-2.3	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	92	0.00
50 S	Toluene-d8	1.403	1.546	-10.2	79	0.00
51 T	4-Methyl-2-Pentanone	0.198	0.215	-8.6	81	0.00
52 CM	Toluene	0.986	1.195	-21.2#	86	0.00
53 T	t-1,3-Dichloropropene	0.498	0.602	-20.9	88	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.719	-19.4	87	0.00
55 T	1,1,2-Trichloroethane	0.280	0.345	-23.2	91	0.00
56 T	Ethyl methacrylate	0.247	0.297	-20.2	89	0.00
57 T	1,3-Dichloropropane	0.482	0.600	-24.5	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.130	7.8	75	0.00
59 T	2-Hexanone	0.164	0.154	6.1	80	0.00
60 T	Dibromochloromethane	0.337	0.444	-31.8#	97	0.00
61 T	1,2-Dibromoethane	0.263	0.331	-25.9#	95	0.00
62 S	4-Bromofluorobenzene	0.419	0.465	-11.0	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64 T	Tetrachloroethene	0.367	0.435	-18.5	86	0.00
65 PM	Chlorobenzene	1.310	1.370	-4.6	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.416	0.525	-26.2#	93	0.00
67 C	Ethyl Benzene	2.082	2.490	-19.6#	87	0.00
68 T	m/p-Xylenes	0.796	0.982	-23.4	88	0.00
69 T	o-Xylene	0.734	0.914	-24.5	90	0.00
70 T	Styrene	1.091	1.388	-27.2#	91	0.00
71 P	Bromoform	0.217	0.275	-26.7#	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	3.790	4.418	-16.6	88	0.00
74 T	N-amyl acetate	0.745	0.708	5.0	76	0.00
75 P	1,1,2,2-Tetrachloroethane	0.661	0.779	-17.9	92	0.00
76 T	1,2,3-Trichloropropane	0.434	0.532	-22.6	83	0.00
77 T	Bromobenzene	0.891	1.041	-16.8	91	0.00
78 T	n-propylbenzene	4.618	5.336	-15.5	86	0.00
79 T	2-Chlorotoluene	2.475	2.906	-17.4	90	0.00
80 T	1,3,5-Trimethylbenzene	3.161	3.686	-16.6	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.237	-10.7	88	0.00
82 T	4-Chlorotoluene	2.587	3.052	-18.0	90	0.00
83 T	tert-Butylbenzene	2.668	3.239	-21.4	90	0.00
84 T	1,2,4-Trimethylbenzene	3.161	3.770	-19.3	89	0.00
85 T	sec-Butylbenzene	3.944	4.635	-17.5	87	0.00
86 T	p-Isopropyltoluene	3.531	4.226	-19.7	87	0.00
87 T	1,3-Dichlorobenzene	1.823	2.205	-21.0	92	0.00
88 T	1,4-Dichlorobenzene	1.966	2.113	-7.5	89	0.00
89 T	n-Butylbenzene	3.323	3.814	-14.8	83	0.00
90 T	Hexachloroethane	0.649	0.829	-27.7#	96	0.00
91 T	1,2-Dichlorobenzene	1.550	1.836	-18.5	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.112	-9.8	90	0.00
93 T	1,2,4-Trichlorobenzene	1.059	1.166	-10.1	89	0.00
94 T	Hexachlorobutadiene	0.571	0.611	-7.0	81	0.00
95 T	Naphthalene	1.759	2.100	-19.4	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.873	0.995	-14.0	90	0.00

(#) = Out of Range

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