

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077926.D
 Acq On : 16 Dec 2023 03:38
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 16 05:14:06 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	72	0.00
2 T	Dichlorodifluoromethane	0.625	0.552	11.7	65	0.00
3 P	Chloromethane	0.851	1.006	-18.2	86	0.00
4 C	Vinyl Chloride	1.156	1.366	-18.2#	82	0.00
5 T	Bromomethane	0.649	0.959	-47.8#	102	0.00
6 T	Chloroethane	0.788	1.006	-27.7#	90	0.00
7 T	Trichlorofluoromethane	1.064	1.085	-2.0	71	0.00
8 T	Diethyl Ether	0.299	0.371	-24.1	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.609	0.637	-4.6	73	0.01
10 T	Methyl Iodide	0.399	0.785	-96.7#	104	0.00
11 T	Tert butyl alcohol	0.032	0.031	3.1	80	0.00
12 CM	1,1-Dichloroethene	0.601	0.674	-12.1#	78	0.00
13 T	Acrolein	0.062	0.050	19.4	58	0.00
14 T	Allyl chloride	0.827	0.956	-15.6	81	0.01
15 T	Acrylonitrile	0.128	0.161	-25.8#	89	0.00
16 T	Acetone	0.161	0.125	22.4	75	0.00
17 T	Carbon Disulfide	2.033	2.155	-6.0	74	0.00
18 T	Methyl Acetate	0.464	0.652	-40.5#	100	0.00
19 T	Methyl tert-butyl Ether	1.275	1.617	-26.8#	89	0.00
20 T	Methylene Chloride	0.835	0.938	-12.3	92	0.00
21 T	trans-1,2-Dichloroethene	0.681	0.823	-20.9	81	0.00
22 T	Diisopropyl ether	1.727	2.159	-25.0#	85	0.00
23 T	Vinyl Acetate	0.844	0.975	-15.5	80	0.00
24 P	1,1-Dichloroethane	1.170	1.464	-25.1#	87	0.00
25 T	2-Butanone	0.185	0.178	3.8	83	0.00
26 T	2,2-Dichloropropane	0.982	1.091	-11.1	78	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.973	-32.7#	90	0.00
28 T	Bromochloromethane	0.473	0.499	-5.5	73	0.00
29 T	Tetrahydrofuran	0.094	0.112	-19.1	85	0.00
30 C	Chloroform	1.171	1.498	-27.9#	88	0.00
31 T	Cyclohexane	1.048	1.034	1.3	70	0.00
32 T	1,1,1-Trichloroethane	1.032	1.228	-19.0	81	0.00
33 S	1,2-Dichloroethane-d4	0.589	0.678	-15.1	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.350	0.389	-11.1	84	0.00
36 T	1,1-Dichloropropene	0.560	0.605	-8.0	81	0.01
37 T	Ethyl Acetate	0.218	0.212	2.8	84	0.00
38 T	Carbon Tetrachloride	0.558	0.583	-4.5	78	0.00
39 T	Methylcyclohexane	0.664	0.657	1.1	72	0.00
40 TM	Benzene	1.590	1.862	-17.1	88	0.00
41 T	Methacrylonitrile	0.111	0.137	-23.4	104	0.00
42 TM	1,2-Dichloroethane	0.412	0.486	-18.0	90	0.00
43 T	Isopropyl Acetate	0.388	0.437	-12.6	89	0.00
44 TM	Trichloroethene	0.414	0.466	-12.6	84	0.00
45 C	1,2-Dichloropropane	0.387	0.450	-16.3#	89	0.00
46 T	Dibromomethane	0.205	0.247	-20.5	92	0.00
47 T	Bromodichloromethane	0.518	0.626	-20.8	91	0.00
48 T	Methyl methacrylate	0.221	0.252	-14.0	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	84	0.00
50 S	Toluene-d8	1.403	1.554	-10.8	82	0.00
51 T	4-Methyl-2-Pentanone	0.198	0.225	-13.6	87	0.00
52 CM	Toluene	0.986	1.188	-20.5#	88	0.00
53 T	t-1,3-Dichloropropene	0.498	0.594	-19.3	90	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.705	-17.1	88	0.00
55 T	1,1,2-Trichloroethane	0.280	0.334	-19.3	91	0.00
56 T	Ethyl methacrylate	0.247	0.299	-21.1	92	0.00
57 T	1,3-Dichloropropane	0.482	0.575	-19.3	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.138	2.1	81	0.00
59 T	2-Hexanone	0.164	0.156	4.9	84	0.00
60 T	Dibromochloromethane	0.337	0.417	-23.7	94	0.00
61 T	1,2-Dibromoethane	0.263	0.316	-20.2	93	0.00
62 S	4-Bromofluorobenzene	0.419	0.482	-15.0	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.367	0.416	-13.4	87	0.00
65 PM	Chlorobenzene	1.310	1.317	-0.5	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.416	0.487	-17.1	90	0.00
67 C	Ethyl Benzene	2.082	2.425	-16.5#	89	0.00
68 T	m/p-Xylenes	0.796	0.947	-19.0	89	0.00
69 T	o-Xylene	0.734	0.878	-19.6	90	0.00
70 T	Styrene	1.091	1.341	-22.9	92	0.00
71 P	Bromoform	0.217	0.259	-19.4	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.790	4.208	-11.0	87	0.00
74 T	N-amyl acetate	0.745	0.755	-1.3	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.661	0.756	-14.4	92	0.00
76 T	1,2,3-Trichloropropane	0.434	0.528	-21.7	86	0.00
77 T	Bromobenzene	0.891	1.006	-12.9	91	0.00
78 T	n-propylbenzene	4.618	5.191	-12.4	87	0.00
79 T	2-Chlorotoluene	2.475	2.795	-12.9	90	0.00
80 T	1,3,5-Trimethylbenzene	3.161	3.575	-13.1	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.230	-7.5	88	0.00
82 T	4-Chlorotoluene	2.587	2.995	-15.8	91	0.00
83 T	tert-Butylbenzene	2.668	3.097	-16.1	89	0.00
84 T	1,2,4-Trimethylbenzene	3.161	3.684	-16.5	90	0.00
85 T	sec-Butylbenzene	3.944	4.391	-11.3	86	0.00
86 T	p-Isopropyltoluene	3.531	4.071	-15.3	87	0.00
87 T	1,3-Dichlorobenzene	1.823	2.115	-16.0	91	0.00
88 T	1,4-Dichlorobenzene	1.966	2.057	-4.6	90	0.00
89 T	n-Butylbenzene	3.323	3.659	-10.1	83	0.00
90 T	Hexachloroethane	0.649	0.766	-18.0	92	0.00
91 T	1,2-Dichlorobenzene	1.550	1.780	-14.8	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.109	-6.9	91	0.00
93 T	1,2,4-Trichlorobenzene	1.059	1.114	-5.2	88	0.00
94 T	Hexachlorobutadiene	0.571	0.563	1.4	77	0.00
95 T	Naphthalene	1.759	2.033	-15.6	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.873	0.950	-8.8	89	0.00

(#) = Out of Range

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