

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077928.D
 Acq On : 16 Dec 2023 10:49
 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 18 01:55:37 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	87	0.00
2 T	Dichlorodifluoromethane	0.625	0.497	20.5	72	0.00
3 P	Chloromethane	0.851	0.841	1.2	88	0.00
4 C	Vinyl Chloride	1.156	1.166	-0.9#	86	0.00
5 T	Bromomethane	0.649	0.779	-20.0	101	0.00
6 T	Chloroethane	0.788	0.843	-7.0	92	0.00
7 T	Trichlorofluoromethane	1.064	1.009	5.2	81	0.00
8 T	Diethyl Ether	0.299	0.300	-0.3	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.609	0.597	2.0	83	0.01
10 T	Methyl Iodide	0.399	0.595	-49.1#	96	0.00
11 T	Tert butyl alcohol	0.032	0.030	6.3	96	0.01
12 CM	1,1-Dichloroethene	0.601	0.585	2.7#	82	0.00
13 T	Acrolein	0.062	0.063	-1.6	89	0.00
14 T	Allyl chloride	0.827	0.727	12.1	76	0.00
15 T	Acrylonitrile	0.128	0.133	-3.9	90	0.00
16 T	Acetone	0.161	0.153	5.0	113	0.00
17 T	Carbon Disulfide	2.033	1.812	10.9	76	0.00
18 T	Methyl Acetate	0.464	0.519	-11.9	97	0.00
19 T	Methyl tert-butyl Ether	1.275	1.341	-5.2	90	0.00
20 T	Methylene Chloride	0.835	0.735	12.0	88	0.00
21 T	trans-1,2-Dichloroethene	0.681	0.678	0.4	82	0.00
22 T	Diisopropyl ether	1.727	1.769	-2.4	86	0.00
23 T	Vinyl Acetate	0.844	0.839	0.6	84	0.00
24 P	1,1-Dichloroethane	1.170	1.167	0.3	85	0.00
25 T	2-Butanone	0.185	0.174	5.9	99	0.00
26 T	2,2-Dichloropropane	0.982	0.985	-0.3	86	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.773	-5.5	88	0.00
28 T	Bromochloromethane	0.473	0.451	4.7	81	0.00
29 T	Tetrahydrofuran	0.094	0.098	-4.3	91	0.00
30 C	Chloroform	1.171	1.200	-2.5#	86	0.00
31 T	Cyclohexane	1.048	0.960	8.4	80	0.00
32 T	1,1,1-Trichloroethane	1.032	1.051	-1.8	85	0.00
33 S	1,2-Dichloroethane-d4	0.589	0.621	-5.4	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.350	0.386	-10.3	95	0.00
36 T	1,1-Dichloropropene	0.560	0.547	2.3	83	0.00
37 T	Ethyl Acetate	0.218	0.193	11.5	87	0.00
38 T	Carbon Tetrachloride	0.558	0.542	2.9	82	0.00
39 T	Methylcyclohexane	0.664	0.654	1.5	81	0.00
40 TM	Benzene	1.590	1.612	-1.4	86	0.00
41 T	Methacrylonitrile	0.111	0.111	0.0	95	0.00
42 TM	1,2-Dichloroethane	0.412	0.424	-2.9	89	0.00
43 T	Isopropyl Acetate	0.388	0.392	-1.0	90	0.00
44 TM	Trichloroethene	0.414	0.417	-0.7	85	0.00
45 C	1,2-Dichloropropane	0.387	0.411	-6.2#	91	0.00
46 T	Dibromomethane	0.205	0.216	-5.4	90	0.00
47 T	Bromodichloromethane	0.518	0.542	-4.6	89	0.00
48 T	Methyl methacrylate	0.221	0.224	-1.4	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	103	0.00
50 S	Toluene-d8	1.403	1.516	-8.1	90	0.00
51 T	4-Methyl-2-Pentanone	0.198	0.205	-3.5	90	0.00
52 CM	Toluene	0.986	1.034	-4.9#	87	0.00
53 T	t-1,3-Dichloropropene	0.498	0.531	-6.6	91	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.615	-2.2	87	0.00
55 T	1,1,2-Trichloroethane	0.280	0.299	-6.8	92	0.00
56 T	Ethyl methacrylate	0.247	0.269	-8.9	93	0.00
57 T	1,3-Dichloropropane	0.482	0.521	-8.1	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.145	-2.8	97	0.00
59 T	2-Hexanone	0.164	0.159	3.0	96	0.00
60 T	Dibromochloromethane	0.337	0.368	-9.2	93	0.00
61 T	1,2-Dibromoethane	0.263	0.280	-6.5	93	0.00
62 S	4-Bromofluorobenzene	0.419	0.459	-9.5	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.367	0.363	1.1	84	0.00
65 PM	Chlorobenzene	1.310	1.167	10.9	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.416	0.434	-4.3	89	0.00
67 C	Ethyl Benzene	2.082	2.153	-3.4#	88	0.00
68 T	m/p-Xylenes	0.796	0.835	-4.9	87	0.00
69 T	o-Xylene	0.734	0.763	-4.0	87	0.00
70 T	Styrene	1.091	1.183	-8.4	90	0.00
71 P	Bromoform	0.217	0.232	-6.9	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.790	3.779	0.3	86	0.00
74 T	N-amyl acetate	0.745	0.680	8.7	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.661	0.682	-3.2	92	0.00
76 T	1,2,3-Trichloropropane	0.434	0.461	-6.2	83	0.00
77 T	Bromobenzene	0.891	0.868	2.6	88	0.00
78 T	n-propylbenzene	4.618	4.631	-0.3	86	0.00
79 T	2-Chlorotoluene	2.475	2.470	0.2	88	0.00
80 T	1,3,5-Trimethylbenzene	3.161	3.190	-0.9	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.218	-1.9	93	0.00
82 T	4-Chlorotoluene	2.587	2.625	-1.5	89	0.00
83 T	tert-Butylbenzene	2.668	2.801	-5.0	89	0.00
84 T	1,2,4-Trimethylbenzene	3.161	3.247	-2.7	88	0.00
85 T	sec-Butylbenzene	3.944	4.132	-4.8	89	0.00
86 T	p-Isopropyltoluene	3.531	3.691	-4.5	88	0.00
87 T	1,3-Dichlorobenzene	1.823	1.868	-2.5	89	0.00
88 T	1,4-Dichlorobenzene	1.966	1.796	8.6	87	0.00
89 T	n-Butylbenzene	3.323	3.482	-4.8	88	0.00
90 T	Hexachloroethane	0.649	0.697	-7.4	93	0.00
91 T	1,2-Dichlorobenzene	1.550	1.576	-1.7	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.095	6.9	89	0.00
93 T	1,2,4-Trichlorobenzene	1.059	1.015	4.2	89	0.00
94 T	Hexachlorobutadiene	0.571	0.548	4.0	83	0.00
95 T	Naphthalene	1.759	1.828	-3.9	92	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.873	0.869	0.5	91	0.00

(#) = Out of Range

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