

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078508.D
 Acq On : 21 Feb 2024 19:27
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 22 00:09:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 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	70	0.00
2 T	Dichlorodifluoromethane	0.493	0.495	-0.4	68	0.00
3 P	Chloromethane	0.905	0.981	-8.4	79	0.00
4 C	Vinyl Chloride	1.382	1.442	-4.3#	78	0.00
5 T	Bromomethane	0.954	1.081	-13.3	88	0.00
6 T	Chloroethane	1.007	1.064	-5.7	82	0.00
7 T	Trichlorofluoromethane	0.932	0.918	1.5	73	0.00
8 T	Diethyl Ether	0.268	0.292	-9.0	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.588	0.540	8.2	69	0.00
10 T	Methyl Iodide	0.527	0.570	-8.2	78	0.00
11 T	Tert butyl alcohol	0.033	0.034	-3.0	94	0.01
12 CM	1,1-Dichloroethene	0.545	0.536	1.7#	73	-0.01
13 T	Acrolein	0.050	0.030	40.0#	55	0.00
14 T	Allyl chloride	0.673	0.666	1.0	75	0.00
15 T	Acrylonitrile	0.115	0.130	-13.0	88	0.00
16 T	Acetone	0.120	0.103	14.2	71	0.00
17 T	Carbon Disulfide	1.834	1.670	8.9	70	0.00
18 T	Methyl Acetate	0.338	0.547	-61.8#	93	-0.01
19 T	Methyl tert-butyl Ether	1.158	1.307	-12.9	87	0.00
20 T	Methylene Chloride	0.695	0.722	-3.9	84	0.00
21 T	trans-1,2-Dichloroethene	0.641	0.674	-5.1	79	0.00
22 T	Diisopropyl ether	1.484	1.596	-7.5	80	0.00
23 T	Vinyl Acetate	0.696	0.609	12.5	80	0.00
24 P	1,1-Dichloroethane	1.051	1.099	-4.6	79	0.00
25 T	2-Butanone	0.155	0.155	0.0	84	0.00
26 T	2,2-Dichloropropane	0.881	0.856	2.8	71	0.00
27 T	cis-1,2-Dichloroethene	0.704	0.761	-8.1	82	0.00
28 T	Bromochloromethane	0.416	0.470	-13.0	79	0.00
29 T	Tetrahydrofuran	0.080	0.094	-17.5	91	0.00
30 C	Chloroform	1.112	1.214	-9.2#	82	0.00
31 T	Cyclohexane	0.915	0.790	13.7	65	0.00
32 T	1,1,1-Trichloroethane	0.948	0.965	-1.8	76	0.00
33 S	1,2-Dichloroethane-d4	0.541	0.592	-9.4	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35 S	Dibromofluoromethane	0.318	0.377	-18.6	89	0.00
36 T	1,1-Dichloropropene	0.493	0.490	0.6	73	0.00
37 T	Ethyl Acetate	0.173	0.194	-12.1	92	0.00
38 T	Carbon Tetrachloride	0.489	0.504	-3.1	75	0.00
39 T	Methylcyclohexane	0.586	0.563	3.9	67	0.00
40 TM	Benzene	1.426	1.570	-10.1	81	0.00
41 T	Methacrylonitrile	0.090	0.083	7.8	68	0.00
42 TM	1,2-Dichloroethane	0.369	0.406	-10.0	86	0.00
43 T	Isopropyl Acetate	0.320	0.356	-11.2	84	0.00
44 TM	Trichloroethene	0.364	0.406	-11.5	83	0.00
45 C	1,2-Dichloropropane	0.350	0.391	-11.7#	85	0.00
46 T	Dibromomethane	0.197	0.224	-13.7	87	0.00
47 T	Bromodichloromethane	0.487	0.541	-11.1	82	0.00
48 T	Methyl methacrylate	0.170	0.196	-15.3	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	96	0.00
50 S	Toluene-d8	1.271	1.459	-14.8	87	0.00
51 T	4-Methyl-2-Pentanone	0.170	0.201	-18.2	91	0.00
52 CM	Toluene	0.902	1.013	-12.3#	82	0.00
53 T	t-1,3-Dichloropropene	0.445	0.498	-11.9	83	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.592	-9.8	82	0.00
55 T	1,1,2-Trichloroethane	0.265	0.318	-20.0	92	0.00
56 T	Ethyl methacrylate	0.245	0.254	-3.7	91	0.00
57 T	1,3-Dichloropropane	0.451	0.525	-16.4	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.144	0.195	-35.4#	92	0.00
59 T	2-Hexanone	0.128	0.143	-11.7	89	0.00
60 T	Dibromochloromethane	0.319	0.371	-16.3	88	0.00
61 T	1,2-Dibromoethane	0.249	0.305	-22.5	91	0.00
62 S	4-Bromofluorobenzene	0.370	0.432	-16.8	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.316	0.342	-8.2	84	0.00
65 PM	Chlorobenzene	1.005	1.111	-10.5	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.369	0.411	-11.4	88	0.00
67 C	Ethyl Benzene	1.801	1.921	-6.7#	80	0.00
68 T	m/p-Xylenes	0.703	0.772	-9.8	80	0.00
69 T	o-Xylene	0.641	0.697	-8.7	82	0.00
70 T	Styrene	1.046	1.117	-6.8	85	0.00
71 P	Bromoform	0.194	0.228	-17.5	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
73 T	Isopropylbenzene	3.357	3.393	-1.1	80	0.00
74 T	N-amyl acetate	0.635	0.635	0.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.666	0.695	-4.4	94	0.00
76 T	1,2,3-Trichloropropane	0.424	0.438	-3.3	102	0.00
77 T	Bromobenzene	0.789	0.858	-8.7	91	0.00
78 T	n-propylbenzene	4.184	4.135	1.2	79	0.00
79 T	2-Chlorotoluene	2.241	2.268	-1.2	83	0.00
80 T	1,3,5-Trimethylbenzene	2.788	2.873	-3.0	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.204	0.214	-4.9	91	0.00
82 T	4-Chlorotoluene	2.407	2.415	-0.3	83	0.00
83 T	tert-Butylbenzene	2.351	2.484	-5.7	83	0.00
84 T	1,2,4-Trimethylbenzene	2.829	2.966	-4.8	82	0.00
85 T	sec-Butylbenzene	3.646	3.483	4.5	77	0.00
86 T	p-Isopropyltoluene	3.106	3.156	-1.6	78	0.00
87 T	1,3-Dichlorobenzene	1.684	1.739	-3.3	85	0.00
88 T	1,4-Dichlorobenzene	1.655	1.756	-6.1	89	0.00
89 T	n-Butylbenzene	2.994	2.947	1.6	76	0.00
90 T	Hexachloroethane	0.638	0.640	-0.3	84	0.00
91 T	1,2-Dichlorobenzene	1.414	1.561	-10.4	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.091	-4.6	91	0.00
93 T	1,2,4-Trichlorobenzene	0.831	0.900	-8.3	88	0.00
94 T	Hexachlorobutadiene	0.434	0.439	-1.2	81	0.00
95 T	Naphthalene	1.542	1.805	-17.1	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.704	0.809	-14.9	93	0.00

(#) = Out of Range

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