

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013124\
 Data File : VD078286.D
 Acq On : 31 Jan 2024 11:18
 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: Feb 01 02:56:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 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	99	0.00
2 T	Dichlorodifluoromethane	0.605	0.527	12.9	96	0.00
3 P	Chloromethane	1.040	0.969	6.8	97	0.00
4 C	Vinyl Chloride	1.372	1.264	7.9#	93	0.00
5 T	Bromomethane	0.831	0.706	15.0	94	0.00
6 T	Chloroethane	0.948	0.851	10.2	95	0.00
7 T	Trichlorofluoromethane	1.162	1.074	7.6	95	0.00
8 T	Diethyl Ether	0.344	0.312	9.3	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.713	0.654	8.3	98	0.00
10 T	Methyl Iodide	0.648	0.634	2.2	91	0.00
11 T	Tert butyl alcohol	0.039	0.034	12.8	95	0.00
12 CM	1,1-Dichloroethene	0.688	0.637	7.4#	95	0.00
13 T	Acrolein	0.051	0.039	23.5	92	0.00
14 T	Allyl chloride	0.907	0.846	6.7	93	0.00
15 T	Acrylonitrile	0.152	0.135	11.2	90	0.00
16 T	Acetone	0.164	0.136	17.1	90	0.00
17 T	Carbon Disulfide	2.322	2.114	9.0	94	0.00
18 T	Methyl Acetate	0.330	0.322	2.4	86	0.00
19 T	Methyl tert-butyl Ether	1.431	1.338	6.5	90	-0.02
20 T	Methylene Chloride	0.860	0.703	18.3	91	0.00
21 T	trans-1,2-Dichloroethene	0.778	0.734	5.7	94	0.00
22 T	Diisopropyl ether	1.930	1.804	6.5	90	0.00
23 T	Vinyl Acetate	1.177	1.077	8.5	91	0.00
24 P	1,1-Dichloroethane	1.336	1.224	8.4	93	0.00
25 T	2-Butanone	0.206	0.177	14.1	89	0.00
26 T	2,2-Dichloropropane	1.091	1.043	4.4	96	0.00
27 T	cis-1,2-Dichloroethene	0.862	0.790	8.4	91	0.00
28 T	Bromochloromethane	0.476	0.516	-8.4	106	0.00
29 T	Tetrahydrofuran	0.110	0.095	13.6	84	0.00
30 C	Chloroform	1.366	1.268	7.2#	93	0.00
31 T	Cyclohexane	1.159	1.046	9.7	93	0.00
32 T	1,1,1-Trichloroethane	1.177	1.105	6.1	94	0.00
33 S	1,2-Dichloroethane-d4	0.619	0.557	10.0	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.356	0.328	7.9	92	0.00
36 T	1,1-Dichloropropene	0.590	0.565	4.2	95	0.00
37 T	Ethyl Acetate	0.227	0.182	19.8	85	0.00
38 T	Carbon Tetrachloride	0.580	0.535	7.8	93	0.00
39 T	Methylcyclohexane	0.698	0.676	3.2	95	0.00
40 TM	Benzene	1.722	1.593	7.5	92	0.00
41 T	Methacrylonitrile	0.122	0.106	13.1	82	0.00
42 TM	1,2-Dichloroethane	0.447	0.401	10.3	92	0.00
43 T	Isopropyl Acetate	0.407	0.373	8.4	89	0.00
44 TM	Trichloroethene	0.423	0.397	6.1	94	0.00
45 C	1,2-Dichloropropane	0.421	0.379	10.0#	89	0.00
46 T	Dibromomethane	0.234	0.204	12.8	88	0.00
47 T	Bromodichloromethane	0.575	0.535	7.0	91	0.00
48 T	Methyl methacrylate	0.195	0.186	4.6	92	0.00

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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)
49 T	1,4-Dioxane	0.003	0.002	33.3#	89	0.00
50 S	Toluene-d8	1.348	1.298	3.7	92	0.00
51 T	4-Methyl-2-Pentanone	0.220	0.193	12.3	85	0.00
52 CM	Toluene	1.045	1.006	3.7#	93	0.00
53 T	t-1,3-Dichloropropene	0.537	0.498	7.3	91	0.00
54 T	cis-1,3-Dichloropropene	0.636	0.610	4.1	94	0.00
55 T	1,1,2-Trichloroethane	0.305	0.276	9.5	87	0.00
56 T	Ethyl methacrylate	0.346	0.326	5.8	87	0.00
57 T	1,3-Dichloropropane	0.526	0.477	9.3	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.157	0.165	-5.1	98	0.00
59 T	2-Hexanone	0.166	0.146	12.0	88	0.00
60 T	Dibromochloromethane	0.354	0.333	5.9	92	0.00
61 T	1,2-Dibromoethane	0.288	0.258	10.4	90	0.00
62 S	4-Bromofluorobenzene	0.404	0.377	6.7	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.349	0.340	2.6	96	0.00
65 PM	Chlorobenzene	1.196	1.102	7.9	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.426	0.399	6.3	93	0.00
67 C	Ethyl Benzene	2.167	2.102	3.0#	92	0.00
68 T	m/p-Xylenes	0.834	0.803	3.7	92	0.00
69 T	o-Xylene	0.766	0.743	3.0	90	0.00
70 T	Styrene	1.308	1.266	3.2	90	0.00
71 P	Bromoform	0.210	0.197	6.2	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	4.230	4.169	1.4	93	0.00
74 T	N-amyl acetate	0.875	0.820	6.3	91	0.00
75 P	1,1,2,2-Tetrachloroethane	0.817	0.742	9.2	89	0.00
76 T	1,2,3-Trichloropropane	0.523	0.500	4.4	108	0.00
77 T	Bromobenzene	0.931	0.869	6.7	91	0.00
78 T	n-propylbenzene	5.270	5.260	0.2	93	0.00
79 T	2-Chlorotoluene	2.821	2.739	2.9	91	0.00
80 T	1,3,5-Trimethylbenzene	3.442	3.418	0.7	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.263	0.245	6.8	88	0.00
82 T	4-Chlorotoluene	3.007	2.829	5.9	90	0.00
83 T	tert-Butylbenzene	2.937	2.963	-0.9	95	0.00
84 T	1,2,4-Trimethylbenzene	3.482	3.440	1.2	91	0.00
85 T	sec-Butylbenzene	4.609	4.669	-1.3	96	0.00
86 T	p-Isopropyltoluene	3.775	3.803	-0.7	95	0.00
87 T	1,3-Dichlorobenzene	1.934	1.855	4.1	91	0.00
88 T	1,4-Dichlorobenzene	1.914	1.807	5.6	91	0.00
89 T	n-Butylbenzene	3.678	3.822	-3.9	99	0.00
90 T	Hexachloroethane	0.754	0.752	0.3	95	0.00
91 T	1,2-Dichlorobenzene	1.655	1.563	5.6	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.115	0.100	13.0	86	0.00
93 T	1,2,4-Trichlorobenzene	0.957	0.960	-0.3	97	0.00
94 T	Hexachlorobutadiene	0.469	0.487	-3.8	100	0.00
95 T	Naphthalene	1.908	1.880	1.5	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.843	0.824	2.3	93	0.00

(#) = Out of Range

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