

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078366.D
 Acq On : 08 Feb 2024 13:40
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 09 03:07:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 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	0.490	19.0	90	0.00
3 P	Chloromethane	1.040	0.948	8.8	95	0.00
4 C	Vinyl Chloride	1.372	1.250	8.9#	92	0.00
5 T	Bromomethane	0.831	0.666	19.9	89	0.00
6 T	Chloroethane	0.948	0.819	13.6	92	-0.01
7 T	Trichlorofluoromethane	1.162	0.966	16.9	85	0.00
8 T	Diethyl Ether	0.344	0.292	15.1	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.713	0.591	17.1	89	0.00
10 T	Methyl Iodide	0.648	0.602	7.1	87	-0.01
11 T	Tert butyl alcohol	0.039	0.034	12.8	96	0.01
12 CM	1,1-Dichloroethene	0.688	0.562	18.3#	84	0.00
13 T	Acrolein	0.051	0.042	17.6	100	0.00
14 T	Allyl chloride	0.907	0.763	15.9	84	0.00
15 T	Acrylonitrile	0.152	0.123	19.1	82	0.00
16 T	Acetone	0.164	0.123	25.0#	82	0.00
17 T	Carbon Disulfide	2.322	1.896	18.3	85	0.00
18 T	Methyl Acetate	0.330	0.304	7.9	81	0.00
19 T	Methyl tert-butyl Ether	1.431	1.209	15.5	82	0.00
20 T	Methylene Chloride	0.860	0.762	11.4	99	0.00
21 T	trans-1,2-Dichloroethene	0.778	0.651	16.3	84	-0.01
22 T	Diisopropyl ether	1.930	1.626	15.8	82	0.00
23 T	Vinyl Acetate	1.177	0.999	15.1	84	0.00
24 P	1,1-Dichloroethane	1.336	1.130	15.4	86	0.00
25 T	2-Butanone	0.206	0.167	18.9	84	0.00
26 T	2,2-Dichloropropane	1.091	0.940	13.8	86	0.00
27 T	cis-1,2-Dichloroethene	0.862	0.719	16.6	83	0.00
28 T	Bromochloromethane	0.476	0.446	6.3	92	0.00
29 T	Tetrahydrofuran	0.110	0.090	18.2	80	0.01
30 C	Chloroform	1.366	1.154	15.5#	85	-0.01
31 T	Cyclohexane	1.159	0.919	20.7	82	0.00
32 T	1,1,1-Trichloroethane	1.177	1.003	14.8	86	0.00
33 S	1,2-Dichloroethane-d4	0.619	0.536	13.4	87	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.356	0.308	13.5	88	0.00
36 T	1,1-Dichloropropene	0.590	0.500	15.3	85	0.00
37 T	Ethyl Acetate	0.227	0.188	17.2	89	0.00
38 T	Carbon Tetrachloride	0.580	0.501	13.6	88	0.00
39 T	Methylcyclohexane	0.698	0.595	14.8	85	0.00
40 TM	Benzene	1.722	1.427	17.1	84	0.00
41 T	Methacrylonitrile	0.122	0.101	17.2	78	0.00
42 TM	1,2-Dichloroethane	0.447	0.373	16.6	87	0.00
43 T	Isopropyl Acetate	0.407	0.348	14.5	84	0.00
44 TM	Trichloroethene	0.423	0.371	12.3	90	0.00
45 C	1,2-Dichloropropane	0.421	0.349	17.1#	84	0.00
46 T	Dibromomethane	0.234	0.197	15.8	86	0.00
47 T	Bromodichloromethane	0.575	0.474	17.6	82	0.00
48 T	Methyl methacrylate	0.195	0.168	13.8	84	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#	87	0.00
50 S	Toluene-d8	1.348	1.129	16.2	81	0.00
51 T	4-Methyl-2-Pentanone	0.220	0.186	15.5	83	0.00
52 CM	Toluene	1.045	0.902	13.7#	84	0.00
53 T	t-1,3-Dichloropropene	0.537	0.456	15.1	85	0.00
54 T	cis-1,3-Dichloropropene	0.636	0.544	14.5	85	0.00
55 T	1,1,2-Trichloroethane	0.305	0.259	15.1	83	0.00
56 T	Ethyl methacrylate	0.346	0.303	12.4	82	0.00
57 T	1,3-Dichloropropane	0.526	0.436	17.1	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.157	0.133	15.3	80	0.00
59 T	2-Hexanone	0.166	0.138	16.9	84	0.00
60 T	Dibromochloromethane	0.354	0.313	11.6	88	0.00
61 T	1,2-Dibromoethane	0.288	0.243	15.6	86	0.00
62 S	4-Bromofluorobenzene	0.404	0.347	14.1	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.349	0.308	11.7	87	0.00
65 PM	Chlorobenzene	1.196	1.026	14.2	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.426	0.364	14.6	85	0.00
67 C	Ethyl Benzene	2.167	1.909	11.9#	84	0.00
68 T	m/p-Xylenes	0.834	0.751	10.0	86	0.00
69 T	o-Xylene	0.766	0.681	11.1	83	0.00
70 T	Styrene	1.308	1.192	8.9	85	0.00
71 P	Bromoform	0.210	0.188	10.5	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	4.230	3.736	11.7	85	0.00
74 T	N-amyl acetate	0.875	0.760	13.1	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.817	0.678	17.0	83	0.00
76 T	1,2,3-Trichloropropane	0.523	0.490	6.3	109	0.00
77 T	Bromobenzene	0.931	0.813	12.7	87	0.00
78 T	n-propylbenzene	5.270	4.719	10.5	85	0.00
79 T	2-Chlorotoluene	2.821	2.500	11.4	85	0.00
80 T	1,3,5-Trimethylbenzene	3.442	3.105	9.8	85	0.00
81 T	trans-1,4-Dichloro-2-butene	0.263	0.224	14.8	82	0.00
82 T	4-Chlorotoluene	3.007	2.617	13.0	85	0.00
83 T	tert-Butylbenzene	2.937	2.653	9.7	87	0.00
84 T	1,2,4-Trimethylbenzene	3.482	3.127	10.2	85	0.00
85 T	sec-Butylbenzene	4.609	4.110	10.8	87	0.00
86 T	p-Isopropyltoluene	3.775	3.423	9.3	87	0.00
87 T	1,3-Dichlorobenzene	1.934	1.707	11.7	85	0.00
88 T	1,4-Dichlorobenzene	1.914	1.686	11.9	87	0.00
89 T	n-Butylbenzene	3.678	3.305	10.1	88	0.00
90 T	Hexachloroethane	0.754	0.672	10.9	88	0.00
91 T	1,2-Dichlorobenzene	1.655	1.452	12.3	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.115	0.102	11.3	91	0.00
93 T	1,2,4-Trichlorobenzene	0.957	0.879	8.2	91	0.00
94 T	Hexachlorobutadiene	0.469	0.437	6.8	92	0.00
95 T	Naphthalene	1.908	1.728	9.4	86	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	0.843	0.764	9.4	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6