

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031221\
 Data File : VD068612.D
 Acq On : 12 Mar 2021 17:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 12 23:37:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 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	73	0.00
2 T	Dichlorodifluoromethane	0.485	0.477	1.6	72	0.00
3 P	Chloromethane	0.613	0.614	-0.2	75	0.00
4 C	Vinyl Chloride	0.728	0.750	-3.0#	75	0.00
5 T	Bromomethane	0.518	0.548	-5.8	82	0.00
6 T	Chloroethane	0.471	0.504	-7.0	80	0.00
7 T	Trichlorofluoromethane	0.831	0.925	-11.3	82	0.00
8 T	Diethyl Ether	0.247	0.298	-20.6	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.567	-12.1	83	0.00
10 T	Methyl Iodide	0.537	0.661	-23.1	82	0.00
11 T	Tert butyl alcohol	0.027	0.031	-14.8	96	0.01
12 CM	1,1-Dichloroethene	0.502	0.548	-9.2#	80	0.00
13 T	Acrolein	0.038	0.034	10.5	63	0.00
14 T	Allyl chloride	0.648	0.712	-9.9	80	0.00
15 T	Acrylonitrile	0.104	0.118	-13.5	83	0.00
16 T	Acetone	0.079	0.087	-10.1	79	0.00
17 T	Carbon Disulfide	1.645	1.727	-5.0	77	0.00
18 T	Methyl Acetate	0.205	0.274	-33.7#	103	0.00
19 T	Methyl tert-butyl Ether	1.089	1.210	-11.1	83	-0.01
20 T	Methylene Chloride	0.673	0.754	-12.0	92	0.00
21 T	trans-1,2-Dichloroethene	0.600	0.602	-0.3	74	-0.01
22 T	Diisopropyl ether	1.428	1.510	-5.7	77	0.00
23 T	Vinyl Acetate	0.741	0.799	-7.8	78	0.00
24 P	1,1-Dichloroethane	0.979	1.021	-4.3	77	0.00
25 T	2-Butanone	0.114	0.126	-10.5	82	0.00
26 T	2,2-Dichloropropane	0.815	0.811	0.5	74	0.00
27 T	cis-1,2-Dichloroethene	0.658	0.699	-6.2	78	0.00
28 T	Bromochloromethane	0.382	0.403	-5.5	77	0.00
29 T	Tetrahydrofuran	0.074	0.080	-8.1	79	0.00
30 C	Chloroform	1.033	1.096	-6.1#	79	0.00
31 T	Cyclohexane	0.909	0.786	13.5	66	0.00
32 T	1,1,1-Trichloroethane	0.882	0.920	-4.3	77	0.00
33 S	1,2-Dichloroethane-d4	0.500	0.523	-4.6	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.301	0.328	-9.0	79	0.00
36 T	1,1-Dichloropropene	0.475	0.465	2.1	71	0.00
37 T	Ethyl Acetate	0.158	0.174	-10.1	83	0.00
38 T	Carbon Tetrachloride	0.447	0.463	-3.6	75	0.00
39 T	Methylcyclohexane	0.586	0.559	4.6	67	0.00
40 TM	Benzene	1.363	1.420	-4.2	76	0.00
41 T	Methacrylonitrile	0.092	0.101	-9.8	86	0.00
42 TM	1,2-Dichloroethane	0.358	0.401	-12.0	81	0.00
43 T	Isopropyl Acetate	0.290	0.338	-16.6	84	0.00
44 TM	Trichloroethene	0.374	0.398	-6.4	78	0.00
45 C	1,2-Dichloropropane	0.326	0.357	-9.5#	78	0.00
46 T	Dibromomethane	0.177	0.199	-12.4	84	0.00
47 T	Bromodichloromethane	0.459	0.520	-13.3	82	0.00
48 T	Methyl methacrylate	0.154	0.161	-4.5	76	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	82	0.00
50 S	Toluene-d8	1.200	1.201	-0.1	73	0.00
51 T	4-Methyl-2-Pentanone	0.152	0.178	-17.1	84	0.00
52 CM	Toluene	0.871	0.934	-7.2#	78	0.00
53 T	t-1,3-Dichloropropene	0.424	0.477	-12.5	83	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.564	-9.1	79	0.00
55 T	1,1,2-Trichloroethane	0.245	0.291	-18.8	86	0.00
56 T	Ethyl methacrylate	0.282	0.332	-17.7	83	0.00
57 T	1,3-Dichloropropane	0.428	0.484	-13.1	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.165	-17.0	84	0.00
59 T	2-Hexanone	0.101	0.120	-18.8	83	0.00
60 T	Dibromochloromethane	0.304	0.357	-17.4	84	0.00
61 T	1,2-Dibromoethane	0.240	0.267	-11.3	81	0.00
62 S	4-Bromofluorobenzene	0.387	0.420	-8.5	79	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
64 T	Tetrachloroethene	0.327	0.329	-0.6	77	0.00
65 PM	Chlorobenzene	1.018	1.074	-5.5	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.354	0.390	-10.2	83	0.00
67 C	Ethyl Benzene	1.818	1.896	-4.3#	77	0.00
68 T	m/p-Xylenes	0.690	0.731	-5.9	78	0.00
69 T	o-Xylene	0.636	0.684	-7.5	78	0.00
70 T	Styrene	1.087	1.209	-11.2	81	0.00
71 P	Bromoform	0.180	0.218	-21.1	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.708	3.173	14.4	80	0.00
74 T	N-amyl acetate	0.632	0.583	7.8	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.638	0.598	6.3	91	0.00
76 T	1,2,3-Trichloropropane	0.444	0.414	6.8	103	0.00
77 T	Bromobenzene	0.846	0.794	6.1	90	0.00
78 T	n-propylbenzene	4.431	3.914	11.7	82	0.00
79 T	2-Chlorotoluene	2.459	2.152	12.5	82	0.00
80 T	1,3,5-Trimethylbenzene	3.039	2.766	9.0	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.190	0.173	8.9	84	0.00
82 T	4-Chlorotoluene	2.588	2.276	12.1	82	0.00
83 T	tert-Butylbenzene	2.588	2.271	12.2	81	0.00
84 T	1,2,4-Trimethylbenzene	3.044	2.806	7.8	85	0.00
85 T	sec-Butylbenzene	3.656	3.447	5.7	88	0.00
86 T	p-Isopropyltoluene	3.318	3.302	0.5	91	0.00
87 T	1,3-Dichlorobenzene	1.635	1.655	-1.2	94	0.00
88 T	1,4-Dichlorobenzene	1.619	1.670	-3.2	98	0.00
89 T	n-Butylbenzene	3.201	3.024	5.5	86	0.00
90 T	Hexachloroethane	0.660	0.519	21.4	70	0.00
91 T	1,2-Dichlorobenzene	1.402	1.468	-4.7	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.112	0.106	5.4	91	0.00
93 T	1,2,4-Trichlorobenzene	1.083	1.030	4.9	87	0.00
94 T	Hexachlorobutadiene	0.601	0.555	7.7	85	0.00
95 T	Naphthalene	1.961	1.881	4.1	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.937	0.826	11.8	83	0.00

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