

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012324\  
 Data File : VD078202.D  
 Acq On : 23 Jan 2024 10:47  
 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: Jan 24 00:17:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D012224S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 23 05:43:07 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	96	0.00
2 T	Dichlorodifluoromethane	0.576	0.465	19.3	92	0.00
3 P	Chloromethane	0.929	0.808	13.0	93	0.00
4 C	Vinyl Chloride	1.186	1.063	10.4#	90	0.00
5 T	Bromomethane	0.865	0.780	9.8	98	0.00
6 T	Chloroethane	0.828	0.794	4.1	93	0.00
7 T	Trichlorofluoromethane	1.078	1.013	6.0	97	0.00
8 T	Diethyl Ether	0.299	0.294	1.7	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.625	0.607	2.9	98	0.00
10 T	Methyl Iodide	0.626	0.603	3.7	85	0.00
11 T	Tert butyl alcohol	0.028	0.026	7.1	91	0.01
12 CM	1,1-Dichloroethene	0.619	0.590	4.7#	99	0.00
13 T	Acrolein	0.065	0.056	13.8	79	0.00
14 T	Allyl chloride	0.816	0.768	5.9	92	0.00
15 T	Acrylonitrile	0.134	0.131	2.2	94	0.00
16 T	Acetone	0.170	0.156	8.2	114	0.00
17 T	Carbon Disulfide	2.006	1.873	6.6	93	0.00
18 T	Methyl Acetate	0.491	0.481	2.0	90	0.00
19 T	Methyl tert-butyl Ether	1.290	1.290	0.0	96	0.00
20 T	Methylene Chloride	0.837	0.694	17.1	95	0.00
21 T	trans-1,2-Dichloroethene	0.715	0.709	0.8	99	0.00
22 T	Diisopropyl ether	1.727	1.808	-4.7	99	0.00
23 T	Vinyl Acetate	0.851	0.839	1.4	93	0.00
24 P	1,1-Dichloroethane	1.193	1.190	0.3	97	0.00
25 T	2-Butanone	0.201	0.183	9.0	104	0.00
26 T	2,2-Dichloropropane	1.000	0.982	1.8	96	0.00
27 T	cis-1,2-Dichloroethene	0.768	0.787	-2.5	100	0.00
28 T	Bromochloromethane	0.465	0.459	1.3	93	0.00
29 T	Tetrahydrofuran	0.094	0.097	-3.2	97	0.00
30 C	Chloroform	1.214	1.240	-2.1#	99	0.00
31 T	Cyclohexane	1.055	0.991	6.1	94	0.00
32 T	1,1,1-Trichloroethane	1.048	1.061	-1.2	98	0.00
33 S	1,2-Dichloroethane-d4	0.571	0.546	4.4	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.329	0.312	5.2	90	0.00
36 T	1,1-Dichloropropene	0.541	0.533	1.5	97	0.00
37 T	Ethyl Acetate	0.201	0.187	7.0	96	0.00
38 T	Carbon Tetrachloride	0.534	0.513	3.9	95	0.00
39 T	Methylcyclohexane	0.640	0.636	0.6	95	0.00
40 TM	Benzene	1.536	1.545	-0.6	98	0.00
41 T	Methacrylonitrile	0.111	0.125	-12.6	106	-0.01
42 TM	1,2-Dichloroethane	0.400	0.385	3.8	93	0.00
43 T	Isopropyl Acetate	0.369	0.357	3.3	94	0.00
44 TM	Trichloroethene	0.393	0.381	3.1	98	0.00
45 C	1,2-Dichloropropane	0.381	0.381	0.0	98	0.00
46 T	Dibromomethane	0.209	0.207	1.0	100	0.00
47 T	Bromodichloromethane	0.526	0.526	0.0	98	0.00
48 T	Methyl methacrylate	0.214	0.216	-0.9	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	105	0.00
50 S	Toluene-d8	1.303	1.210	7.1	87	0.00
51 T	4-Methyl-2-Pentanone	0.194	0.189	2.6	94	0.00
52 CM	Toluene	0.973	0.994	-2.2#	100	0.00
53 T	t-1,3-Dichloropropene	0.485	0.480	1.0	96	0.00
54 T	cis-1,3-Dichloropropene	0.581	0.590	-1.5	97	0.00
55 T	1,1,2-Trichloroethane	0.280	0.279	0.4	98	0.00
56 T	Ethyl methacrylate	0.229	0.236	-3.1	96	0.00
57 T	1,3-Dichloropropane	0.479	0.474	1.0	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.137	0.133	2.9	89	0.00
59 T	2-Hexanone	0.158	0.151	4.4	102	0.00
60 T	Dibromochloromethane	0.330	0.331	-0.3	98	0.00
61 T	1,2-Dibromoethane	0.258	0.257	0.4	95	0.00
62 S	4-Bromofluorobenzene	0.378	0.356	5.8	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.327	0.321	1.8	97	0.00
65 PM	Chlorobenzene	1.105	1.112	-0.6	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.395	0.393	0.5	95	0.00
67 C	Ethyl Benzene	2.010	2.059	-2.4#	98	0.00
68 T	m/p-Xylenes	0.768	0.791	-3.0	99	0.00
69 T	o-Xylene	0.697	0.725	-4.0	97	0.00
70 T	Styrene	1.044	1.130	-8.2	101	0.00
71 P	Bromoform	0.195	0.191	2.1	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.931	3.971	-1.0	99	0.00
74 T	N-acyl acetate	0.752	0.723	3.9	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.702	4.1	94	0.00
76 T	1,2,3-Trichloropropane	0.480	0.495	-3.1	101	0.00
77 T	Bromobenzene	0.862	0.841	2.4	95	0.00
78 T	n-propylbenzene	4.876	4.937	-1.3	99	0.00
79 T	2-Chlorotoluene	2.602	2.600	0.1	99	0.00
80 T	1,3,5-Trimethylbenzene	3.260	3.253	0.2	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.222	0.4	97	0.00
82 T	4-Chlorotoluene	2.743	2.800	-2.1	102	0.00
83 T	tert-Butylbenzene	2.725	2.792	-2.5	99	0.00
84 T	1,2,4-Trimethylbenzene	3.297	3.395	-3.0	100	0.00
85 T	sec-Butylbenzene	4.126	4.190	-1.6	100	0.00
86 T	p-Isopropyltoluene	3.591	3.711	-3.3	101	0.00
87 T	1,3-Dichlorobenzene	1.785	1.797	-0.7	100	0.00
88 T	1,4-Dichlorobenzene	1.763	1.753	0.6	100	0.00
89 T	n-Butylbenzene	3.495	3.567	-2.1	99	0.00
90 T	Hexachloroethane	0.704	0.689	2.1	98	0.00
91 T	1,2-Dichlorobenzene	1.501	1.499	0.1	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.092	12.4	90	0.00
93 T	1,2,4-Trichlorobenzene	0.928	0.914	1.5	98	0.00
94 T	Hexachlorobutadiene	0.448	0.457	-2.0	100	0.00
95 T	Naphthalene	1.734	1.738	-0.2	96	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.778	0.771	0.9	97	0.00

(#) = Out of Range                      SPCC's out = 0    CCC's out = 5