

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031224\
 Data File : VD078640.D
 Acq On : 12 Mar 2024 16:57
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.45G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 13 03:05:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 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	77	0.00
2 T	Dichlorodifluoromethane	0.449	0.350	22.0	69	0.00
3 P	Chloromethane	0.808	0.637	21.2	66	0.00
4 C	Vinyl Chloride	1.229	0.938	23.7#	62	0.00
5 T	Bromomethane	0.982	0.911	7.2	81	0.00
6 T	Chloroethane	0.911	0.803	11.9	73	0.00
7 T	Trichlorofluoromethane	0.831	0.751	9.6	76	0.00
8 T	Diethyl Ether	0.233	0.250	-7.3	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.524	0.482	8.0	78	0.00
10 T	Methyl Iodide	0.548	0.634	-15.7	87	0.00
11 T	Tert butyl alcohol	0.026	0.022	15.4	82	-0.01
12 CM	1,1-Dichloroethene	0.489	0.475	2.9#	78	0.00
13 T	Acrolein	0.049	0.039	20.4	60	0.00
14 T	Allyl chloride	0.557	0.574	-3.1	83	0.00
15 T	Acrylonitrile	0.096	0.109	-13.5	94	-0.01
16 T	Acetone	0.095	0.078	17.9	69	0.00
17 T	Carbon Disulfide	1.629	1.484	8.9	75	0.00
18 T	Methyl Acetate	0.180	0.250	-38.9#	100	0.00
19 T	Methyl tert-butyl Ether	0.994	1.114	-12.1	90	-0.01
20 T	Methylene Chloride	0.952	0.652	31.5#	75	0.00
21 T	trans-1,2-Dichloroethene	0.588	0.611	-3.9	84	0.00
22 T	Diisopropyl ether	1.249	1.412	-13.1	89	0.00
23 T	Vinyl Acetate	0.742	0.819	-10.4	87	0.00
24 P	1,1-Dichloroethane	0.943	1.007	-6.8	85	0.00
25 T	2-Butanone	0.120	0.115	4.2	81	0.00
26 T	2,2-Dichloropropane	0.797	0.753	5.5	77	0.00
27 T	cis-1,2-Dichloroethene	0.643	0.700	-8.9	87	0.00
28 T	Bromochloromethane	0.352	0.420	-19.3	88	0.00
29 T	Tetrahydrofuran	0.067	0.076	-13.4	92	0.00
30 C	Chloroform	1.019	1.124	-10.3#	90	0.00
31 T	Cyclohexane	0.776	0.691	11.0	74	0.00
32 T	1,1,1-Trichloroethane	0.874	0.909	-4.0	84	0.00
33 S	1,2-Dichloroethane-d4	0.496	0.505	-1.8	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.325	0.334	-2.8	88	0.00
36 T	1,1-Dichloropropene	0.450	0.438	2.7	80	0.00
37 T	Ethyl Acetate	0.146	0.142	2.7	80	0.00
38 T	Carbon Tetrachloride	0.471	0.448	4.9	80	0.00
39 T	Methylcyclohexane	0.528	0.488	7.6	72	0.00
40 TM	Benzene	1.334	1.415	-6.1	87	0.00
41 T	Methacrylonitrile	0.078	0.094	-20.5	96	0.00
42 TM	1,2-Dichloroethane	0.338	0.359	-6.2	91	0.00
43 T	Isopropyl Acetate	0.280	0.284	-1.4	89	0.00
44 TM	Trichloroethene	0.366	0.366	0.0	85	0.00
45 C	1,2-Dichloropropane	0.320	0.343	-7.2#	88	0.00
46 T	Dibromomethane	0.185	0.203	-9.7	92	0.00
47 T	Bromodichloromethane	0.456	0.500	-9.6	93	0.00
48 T	Methyl methacrylate	0.127	0.128	-0.8	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	84	0.00
50 S	Toluene-d8	1.264	1.260	0.3	83	0.00
51 T	4-Methyl-2-Pentanone	0.144	0.160	-11.1	93	0.00
52 CM	Toluene	0.856	0.924	-7.9#	85	0.00
53 T	t-1,3-Dichloropropene	0.421	0.444	-5.5	89	0.00
54 T	cis-1,3-Dichloropropene	0.505	0.553	-9.5	91	0.00
55 T	1,1,2-Trichloroethane	0.260	0.283	-8.8	94	0.00
56 T	Ethyl methacrylate	0.261	0.291	-11.5	91	0.00
57 T	1,3-Dichloropropane	0.422	0.450	-6.6	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.118	0.125	-5.9	94	0.00
59 T	2-Hexanone	0.107	0.108	-0.9	86	0.00
60 T	Dibromochloromethane	0.314	0.351	-11.8	93	0.00
61 T	1,2-Dibromoethane	0.239	0.270	-13.0	95	0.00
62 S	4-Bromofluorobenzene	0.361	0.376	-4.2	86	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.315	0.314	0.3	82	0.00
65 PM	Chlorobenzene	0.985	1.034	-5.0	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.367	0.394	-7.4	93	0.00
67 C	Ethyl Benzene	1.706	1.788	-4.8#	85	0.00
68 T	m/p-Xylenes	0.690	0.734	-6.4	85	0.00
69 T	o-Xylene	0.626	0.690	-10.2	89	0.00
70 T	Styrene	1.085	1.213	-11.8	88	0.00
71 P	Bromoform	0.195	0.217	-11.3	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.170	3.106	2.0	82	0.00
74 T	N-amyl acetate	0.533	0.539	-1.1	91	0.00
75 P	1,1,2,2-Tetrachloroethane	0.607	0.602	0.8	94	0.00
76 T	1,2,3-Trichloropropane	0.382	0.380	0.5	93	0.00
77 T	Bromobenzene	0.767	0.777	-1.3	88	0.00
78 T	n-propylbenzene	3.877	3.826	1.3	83	0.00
79 T	2-Chlorotoluene	2.080	2.070	0.5	84	0.00
80 T	1,3,5-Trimethylbenzene	2.579	2.613	-1.3	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.189	-6.2	99	0.00
82 T	4-Chlorotoluene	2.217	2.237	-0.9	87	0.00
83 T	tert-Butylbenzene	2.221	2.246	-1.1	81	0.00
84 T	1,2,4-Trimethylbenzene	2.636	2.682	-1.7	84	0.00
85 T	sec-Butylbenzene	3.464	3.371	2.7	79	0.00
86 T	p-Isopropyltoluene	2.916	2.935	-0.7	81	0.00
87 T	1,3-Dichlorobenzene	1.638	1.679	-2.5	89	0.00
88 T	1,4-Dichlorobenzene	1.641	1.616	1.5	88	0.00
89 T	n-Butylbenzene	2.726	2.626	3.7	79	0.00
90 T	Hexachloroethane	0.593	0.583	1.7	84	0.00
91 T	1,2-Dichlorobenzene	1.391	1.448	-4.1	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.081	0.078	3.7	95	0.01
93 T	1,2,4-Trichlorobenzene	0.824	0.789	4.2	82	0.00
94 T	Hexachlorobutadiene	0.453	0.430	5.1	81	0.00
95 T	Naphthalene	1.456	1.494	-2.6	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.732	0.713	2.6	85	0.00

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