

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
 Data File : VD078096.D
 Acq On : 28 Dec 2023 16:52
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 28 22:27:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 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	98	0.00
2 T	Dichlorodifluoromethane	0.429	0.361	15.9	91	0.00
3 P	Chloromethane	0.591	0.576	2.5	97	0.00
4 C	Vinyl Chloride	0.891	0.858	3.7#	93	0.00
5 T	Bromomethane	0.714	0.619	13.3	91	0.00
6 T	Chloroethane	0.655	0.639	2.4	96	0.00
7 T	Trichlorofluoromethane	0.857	0.797	7.0	94	0.00
8 T	Diethyl Ether	0.235	0.233	0.9	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.534	0.495	7.3	95	0.00
10 T	Methyl Iodide	0.502	0.507	-1.0	91	0.00
11 T	Tert butyl alcohol	0.026	0.022	15.4	98	0.00
12 CM	1,1-Dichloroethene	0.473	0.451	4.7#	94	-0.01
13 T	Acrolein	0.023	0.014	39.1#	78	0.00
14 T	Allyl chloride	0.571	0.553	3.2	101	0.00
15 T	Acrylonitrile	0.098	0.099	-1.0	100	0.00
16 T	Acetone	0.114	0.087	23.7	100	0.00
17 T	Carbon Disulfide	1.168	1.168	0.0	93	0.00
18 T	Methyl Acetate	0.365	0.408	-11.8	104	0.00
19 T	Methyl tert-butyl Ether	1.046	1.077	-3.0	101	0.00
20 T	Methylene Chloride	0.632	0.625	1.1	109	0.00
21 T	trans-1,2-Dichloroethene	0.543	0.548	-0.9	99	0.00
22 T	Diisopropyl ether	1.276	1.329	-4.2	101	0.00
23 T	Vinyl Acetate	0.488	0.485	0.6	99	0.00
24 P	1,1-Dichloroethane	0.944	0.933	1.2	100	0.00
25 T	2-Butanone	0.136	0.118	13.2	101	0.00
26 T	2,2-Dichloropropane	0.848	0.780	8.0	92	-0.01
27 T	cis-1,2-Dichloroethene	0.644	0.663	-3.0	102	0.00
28 T	Bromochloromethane	0.338	0.318	5.9	87	0.00
29 T	Tetrahydrofuran	0.069	0.068	1.4	103	0.00
30 C	Chloroform	1.023	1.037	-1.4#	100	0.00
31 T	Cyclohexane	0.710	0.659	7.2	92	0.00
32 T	1,1,1-Trichloroethane	0.879	0.875	0.5	98	0.00
33 S	1,2-Dichloroethane-d4	0.445	0.453	-1.8	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.322	0.323	-0.3	111	0.00
36 T	1,1-Dichloropropene	0.453	0.447	1.3	95	0.00
37 T	Ethyl Acetate	0.151	0.140	7.3	94	0.00
38 T	Carbon Tetrachloride	0.491	0.499	-1.6	100	-0.01
39 T	Methylcyclohexane	0.519	0.518	0.2	96	0.00
40 TM	Benzene	1.305	1.356	-3.9	99	0.00
41 T	Methacrylonitrile	0.095	0.076	20.0	81	0.00
42 TM	1,2-Dichloroethane	0.353	0.365	-3.4	99	0.00
43 T	Isopropyl Acetate	0.301	0.299	0.7	98	0.00
44 TM	Trichloroethene	0.375	0.374	0.3	97	0.00
45 C	1,2-Dichloropropane	0.331	0.340	-2.7#	99	0.00
46 T	Dibromomethane	0.185	0.196	-5.9	100	0.00
47 T	Bromodichloromethane	0.481	0.505	-5.0	104	0.00
48 T	Methyl methacrylate	0.170	0.167	1.8	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	100	0.00
50 S	Toluene-d8	1.132	1.154	-1.9	106	0.00
51 T	4-Methyl-2-Pentanone	0.155	0.159	-2.6	101	0.00
52 CM	Toluene	0.846	0.901	-6.5#	101	0.00
53 T	t-1,3-Dichloropropene	0.436	0.457	-4.8	100	0.00
54 T	cis-1,3-Dichloropropene	0.524	0.543	-3.6	100	0.00
55 T	1,1,2-Trichloroethane	0.261	0.274	-5.0	102	0.00
56 T	Ethyl methacrylate	0.207	0.229	-10.6	105	0.00
57 T	1,3-Dichloropropane	0.428	0.453	-5.8	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.090	0.107	-18.9	94	0.00
59 T	2-Hexanone	0.120	0.116	3.3	103	0.00
60 T	Dibromochloromethane	0.332	0.349	-5.1	100	0.00
61 T	1,2-Dibromoethane	0.250	0.263	-5.2	102	0.00
62 S	4-Bromofluorobenzene	0.364	0.380	-4.4	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.338	0.333	1.5	101	0.00
65 PM	Chlorobenzene	1.062	1.064	-0.2	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.420	-4.5	106	0.00
67 C	Ethyl Benzene	1.852	1.873	-1.1#	101	0.00
68 T	m/p-Xylenes	0.721	0.750	-4.0	103	0.00
69 T	o-Xylene	0.672	0.695	-3.4	103	0.00
70 T	Styrene	0.992	1.057	-6.6	102	0.00
71 P	Bromoform	0.222	0.230	-3.6	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.444	3.336	3.1	101	0.00
74 T	N-amyl acetate	0.572	0.532	7.0	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.626	0.601	4.0	103	0.00
76 T	1,2,3-Trichloropropane	0.422	0.382	9.5	95	0.00
77 T	Bromobenzene	0.838	0.839	-0.1	106	0.00
78 T	n-propylbenzene	4.145	3.973	4.1	101	0.00
79 T	2-Chlorotoluene	2.242	2.202	1.8	104	0.00
80 T	1,3,5-Trimethylbenzene	2.848	2.809	1.4	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.196	0.179	8.7	100	0.00
82 T	4-Chlorotoluene	2.404	2.294	4.6	100	0.00
83 T	tert-Butylbenzene	2.552	2.512	1.6	103	0.00
84 T	1,2,4-Trimethylbenzene	2.901	2.891	0.3	104	0.00
85 T	sec-Butylbenzene	3.643	3.560	2.3	102	0.00
86 T	p-Isopropyltoluene	3.260	3.239	0.6	105	0.00
87 T	1,3-Dichlorobenzene	1.733	1.760	-1.6	107	0.00
88 T	1,4-Dichlorobenzene	1.700	1.686	0.8	104	0.00
89 T	n-Butylbenzene	2.992	2.872	4.0	102	0.00
90 T	Hexachloroethane	0.652	0.640	1.8	104	0.00
91 T	1,2-Dichlorobenzene	1.489	1.485	0.3	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.085	3.4	103	0.00
93 T	1,2,4-Trichlorobenzene	0.972	0.987	-1.5	110	0.00
94 T	Hexachlorobutadiene	0.546	0.551	-0.9	110	0.00
95 T	Naphthalene	1.655	1.699	-2.7	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.825	0.856	-3.8	111	0.00

(#) = Out of Range

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