

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078991.D
 Acq On : 22 May 2024 20:40
 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: May 23 06:08:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 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	93	0.00
2 T	Dichlorodifluoromethane	0.467	0.389	16.7	91	0.00
3 P	Chloromethane	0.712	0.795	-11.7	127	0.00
4 C	Vinyl Chloride	1.077	1.214	-12.7#	127	-0.01
5 T	Bromomethane	1.041	0.945	9.2	109	-0.01
6 T	Chloroethane	0.894	0.946	-5.8	116	0.00
7 T	Trichlorofluoromethane	0.979	0.751	23.3	80	-0.01
8 T	Diethyl Ether	0.246	0.232	5.7	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.517	0.453	12.4	94	-0.02
10 T	Methyl Iodide	0.618	0.551	10.8	90	-0.01
11 T	Tert butyl alcohol	0.022	0.021	4.5	106	0.00
12 CM	1,1-Dichloroethene	0.506	0.460	9.1#	99	-0.02
13 T	Acrolein	0.047	0.026	44.7#	50#	0.00
14 T	Allyl chloride	0.494	0.481	2.6	102	0.00
15 T	Acrylonitrile	0.091	0.093	-2.2	110	0.00
16 T	Acetone	0.075	0.068	9.3	83	0.00
17 T	Carbon Disulfide	1.628	1.486	8.7	104	-0.01
18 T	Methyl Acetate	0.172	0.184	-7.0	117	0.00
19 T	Methyl tert-butyl Ether	0.986	1.021	-3.5	105	0.00
20 T	Methylene Chloride	0.773	0.668	13.6	112	0.00
21 T	trans-1,2-Dichloroethene	0.564	0.551	2.3	104	-0.02
22 T	Diisopropyl ether	1.117	1.134	-1.5	100	0.00
23 T	Vinyl Acetate	0.670	0.694	-3.6	103	0.00
24 P	1,1-Dichloroethane	0.886	0.843	4.9	101	-0.01
25 T	2-Butanone	0.100	0.099	1.0	97	-0.01
26 T	2,2-Dichloropropane	0.778	0.663	14.8	93	-0.01
27 T	cis-1,2-Dichloroethene	0.662	0.637	3.8	101	-0.01
28 T	Bromochloromethane	0.295	0.318	-7.8	107	0.00
29 T	Tetrahydrofuran	0.058	0.065	-12.1	117	0.00
30 C	Chloroform	1.003	0.972	3.1#	104	0.00
31 T	Cyclohexane	0.685	0.588	14.2	94	0.00
32 T	1,1,1-Trichloroethane	0.859	0.796	7.3	100	0.00
33 S	1,2-Dichloroethane-d4	0.469	0.536	-14.3	117	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.333	0.360	-8.1	114	0.00
36 T	1,1-Dichloropropene	0.414	0.374	9.7	100	0.00
37 T	Ethyl Acetate	0.141	0.135	4.3	108	-0.01
38 T	Carbon Tetrachloride	0.485	0.425	12.4	98	0.00
39 T	Methylcyclohexane	0.503	0.442	12.1	96	0.00
40 TM	Benzene	1.340	1.270	5.2	105	-0.01
41 T	Methacrylonitrile	0.076	0.065	14.5	101	-0.01
42 TM	1,2-Dichloroethane	0.324	0.304	6.2	106	0.00
43 T	Isopropyl Acetate	0.250	0.253	-1.2	106	0.00
44 TM	Trichloroethene	0.355	0.315	11.3	101	0.00
45 C	1,2-Dichloropropane	0.294	0.280	4.8#	105	0.00
46 T	Dibromomethane	0.194	0.182	6.2	108	0.00
47 T	Bromodichloromethane	0.466	0.432	7.3	103	0.00
48 T	Methyl methacrylate	0.122	0.118	3.3	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	106	-0.01
50 S	Toluene-d8	1.248	1.383	-10.8	112	0.00
51 T	4-Methyl-2-Pentanone	0.133	0.138	-3.8	109	0.00
52 CM	Toluene	0.858	0.815	5.0#	104	0.00
53 T	t-1,3-Dichloropropene	0.396	0.370	6.6	101	0.00
54 T	cis-1,3-Dichloropropene	0.476	0.451	5.3	101	0.00
55 T	1,1,2-Trichloroethane	0.250	0.236	5.6	105	0.00
56 T	Ethyl methacrylate	0.258	0.274	-6.2	108	0.00
57 T	1,3-Dichloropropane	0.390	0.389	0.3	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.111	0.113	-1.8	99	0.00
59 T	2-Hexanone	0.093	0.097	-4.3	101	0.00
60 T	Dibromochloromethane	0.341	0.321	5.9	102	0.00
61 T	1,2-Dibromoethane	0.228	0.226	0.9	105	0.00
62 S	4-Bromofluorobenzene	0.351	0.399	-13.7	116	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.317	0.311	1.9	111	0.00
65 PM	Chlorobenzene	1.040	0.980	5.8	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.360	0.333	7.5	104	0.00
67 C	Ethyl Benzene	1.673	1.581	5.5#	102	0.00
68 T	m/p-Xylenes	0.680	0.657	3.4	101	0.00
69 T	o-Xylene	0.620	0.598	3.5	99	0.00
70 T	Styrene	1.099	1.096	0.3	103	0.00
71 P	Bromoform	0.206	0.199	3.4	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	2.984	2.742	8.1	100	0.00
74 T	N-amyl acetate	0.484	0.501	-3.5	111	0.00
75 P	1,1,2,2-Tetrachloroethane	0.538	0.514	4.5	108	0.00
76 T	1,2,3-Trichloropropane	0.352	0.375	-6.5	100	0.00
77 T	Bromobenzene	0.785	0.728	7.3	105	0.00
78 T	n-propylbenzene	3.607	3.293	8.7	99	0.00
79 T	2-Chlorotoluene	2.005	1.879	6.3	103	0.00
80 T	1,3,5-Trimethylbenzene	2.479	2.303	7.1	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.171	3.9	106	0.00
82 T	4-Chlorotoluene	2.103	1.945	7.5	100	0.00
83 T	tert-Butylbenzene	2.193	1.961	10.6	95	0.00
84 T	1,2,4-Trimethylbenzene	2.568	2.371	7.7	100	0.00
85 T	sec-Butylbenzene	3.271	2.946	9.9	98	0.00
86 T	p-Isopropyltoluene	2.850	2.570	9.8	99	0.00
87 T	1,3-Dichlorobenzene	1.661	1.489	10.4	102	0.00
88 T	1,4-Dichlorobenzene	1.626	1.452	10.7	101	0.00
89 T	n-Butylbenzene	2.554	2.218	13.2	96	0.00
90 T	Hexachloroethane	0.601	0.524	12.8	100	0.00
91 T	1,2-Dichlorobenzene	1.389	1.294	6.8	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.072	0.070	2.8	103	0.00
93 T	1,2,4-Trichlorobenzene	0.816	0.755	7.5	103	0.00
94 T	Hexachlorobutadiene	0.426	0.365	14.3	101	0.00
95 T	Naphthalene	1.390	1.516	-9.1	117	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.726	0.704	3.0	112	0.00

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