

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078037.D
 Acq On : 21 Dec 2023 20:16
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 05:37:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 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	74	0.00
2 T	Dichlorodifluoromethane	0.625	0.478	23.5	59	0.00
3 P	Chloromethane	0.851	0.806	5.3	72	0.00
4 C	Vinyl Chloride	1.156	1.149	0.6#	72	0.00
5 T	Bromomethane	0.649	0.905	-39.4#	100	0.00
6 T	Chloroethane	0.788	0.852	-8.1	79	0.00
7 T	Trichlorofluoromethane	1.064	0.977	8.2	67	0.00
8 T	Diethyl Ether	0.299	0.290	3.0	70	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.609	0.563	7.6	67	0.01
10 T	Methyl Iodide	0.399	0.695	-74.2#	96	0.00
11 T	Tert butyl alcohol	0.032	0.024	25.0	65	0.00
12 CM	1,1-Dichloroethene	0.601	0.574	4.5#	69	0.00
13 T	Acrolein	0.062	0.034	45.2#	41#	0.00
14 T	Allyl chloride	0.827	0.756	8.6	67	0.00
15 T	Acrylonitrile	0.128	0.124	3.1	72	0.00
16 T	Acetone	0.161	0.102	36.6#	64	0.00
17 T	Carbon Disulfide	2.033	1.604	21.1	58	0.00
18 T	Methyl Acetate	0.464	0.505	-8.8	80	0.00
19 T	Methyl tert-butyl Ether	1.275	1.308	-2.6	75	0.00
20 T	Methylene Chloride	0.835	0.739	11.5	76	0.00
21 T	trans-1,2-Dichloroethene	0.681	0.688	-1.0	71	0.00
22 T	Diisopropyl ether	1.727	1.686	2.4	70	0.00
23 T	Vinyl Acetate	0.844	0.698	17.3	59	0.00
24 P	1,1-Dichloroethane	1.170	1.226	-4.8	76	0.00
25 T	2-Butanone	0.185	0.138	25.4#	67	0.00
26 T	2,2-Dichloropropane	0.982	0.974	0.8	72	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.796	-8.6	77	0.00
28 T	Bromochloromethane	0.473	0.526	-11.2	80	0.00
29 T	Tetrahydrofuran	0.094	0.083	11.7	66	0.00
30 C	Chloroform	1.171	1.253	-7.0#	77	0.00
31 T	Cyclohexane	1.048	0.819	21.9	58	0.00
32 T	1,1,1-Trichloroethane	1.032	1.056	-2.3	73	0.00
33 S	1,2-Dichloroethane-d4	0.589	0.572	2.9	70	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.350	0.373	-6.6	79	0.00
36 T	1,1-Dichloropropene	0.560	0.527	5.9	69	0.00
37 T	Ethyl Acetate	0.218	0.165	24.3	63	0.00
38 T	Carbon Tetrachloride	0.558	0.536	3.9	70	0.00
39 T	Methylcyclohexane	0.664	0.582	12.3	62	0.00
40 TM	Benzene	1.590	1.596	-0.4	74	0.00
41 T	Methacrylonitrile	0.111	0.124	-11.7	91	-0.01
42 TM	1,2-Dichloroethane	0.412	0.418	-1.5	75	0.00
43 T	Isopropyl Acetate	0.388	0.331	14.7	65	0.00
44 TM	Trichloroethene	0.414	0.431	-4.1	75	0.00
45 C	1,2-Dichloropropane	0.387	0.400	-3.4#	77	0.00
46 T	Dibromomethane	0.205	0.212	-3.4	76	0.00
47 T	Bromodichloromethane	0.518	0.559	-7.9	79	0.00
48 T	Methyl methacrylate	0.221	0.188	14.9	64	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	77	0.01
50 S	Toluene-d8	1.403	1.411	-0.6	72	0.00
51 T	4-Methyl-2-Pentanone	0.198	0.177	10.6	67	0.00
52 CM	Toluene	0.986	1.029	-4.4#	74	0.00
53 T	t-1,3-Dichloropropene	0.498	0.514	-3.2	75	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.623	-3.5	75	0.00
55 T	1,1,2-Trichloroethane	0.280	0.306	-9.3	81	0.00
56 T	Ethyl methacrylate	0.247	0.244	1.2	73	0.00
57 T	1,3-Dichloropropane	0.482	0.506	-5.0	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.122	13.5	70	0.00
59 T	2-Hexanone	0.164	0.123	25.0#	64	0.00
60 T	Dibromochloromethane	0.337	0.370	-9.8	81	0.00
61 T	1,2-Dibromoethane	0.263	0.276	-4.9	79	0.00
62 S	4-Bromofluorobenzene	0.419	0.439	-4.8	77	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64 T	Tetrachloroethene	0.367	0.376	-2.5	74	0.00
65 PM	Chlorobenzene	1.310	1.202	8.2	77	0.00
66 T	1,1,1,2-Tetrachloroethane	0.416	0.452	-8.7	80	0.00
67 C	Ethyl Benzene	2.082	2.170	-4.2#	75	0.00
68 T	m/p-Xylenes	0.796	0.839	-5.4	75	0.00
69 T	o-Xylene	0.734	0.783	-6.7	76	0.00
70 T	Styrene	1.091	1.206	-10.5	78	0.00
71 P	Bromoform	0.217	0.232	-6.9	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73 T	Isopropylbenzene	3.790	3.897	-2.8	75	0.00
74 T	N-amyl acetate	0.745	0.611	18.0	64	0.00
75 P	1,1,2,2-Tetrachloroethane	0.661	0.664	-0.5	76	0.00
76 T	1,2,3-Trichloropropane	0.434	0.457	-5.3	70	0.00
77 T	Bromobenzene	0.891	0.914	-2.6	78	0.00
78 T	n-propylbenzene	4.618	4.699	-1.8	74	0.00
79 T	2-Chlorotoluene	2.475	2.519	-1.8	76	0.00
80 T	1,3,5-Trimethylbenzene	3.161	3.280	-3.8	75	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.204	4.7	73	0.00
82 T	4-Chlorotoluene	2.587	2.722	-5.2	78	0.00
83 T	tert-Butylbenzene	2.668	2.843	-6.6	77	0.00
84 T	1,2,4-Trimethylbenzene	3.161	3.360	-6.3	77	0.00
85 T	sec-Butylbenzene	3.944	4.137	-4.9	76	0.00
86 T	p-Isopropyltoluene	3.531	3.738	-5.9	75	0.00
87 T	1,3-Dichlorobenzene	1.823	1.911	-4.8	77	0.00
88 T	1,4-Dichlorobenzene	1.966	1.870	4.9	77	0.00
89 T	n-Butylbenzene	3.323	3.417	-2.8	73	0.00
90 T	Hexachloroethane	0.649	0.726	-11.9	82	0.00
91 T	1,2-Dichlorobenzene	1.550	1.628	-5.0	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.092	9.8	73	0.00
93 T	1,2,4-Trichlorobenzene	1.059	0.976	7.8	73	0.00
94 T	Hexachlorobutadiene	0.571	0.535	6.3	69	0.00
95 T	Naphthalene	1.759	1.760	-0.1	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.873	0.853	2.3	75	0.00

(#) = Out of Range

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