

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078056.D
 Acq On : 22 Dec 2023 11:19
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 23 03:33:12 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	105	0.00
2 T	Dichlorodifluoromethane	0.625	0.553	11.5	96	0.00
3 P	Chloromethane	0.851	0.801	5.9	100	0.00
4 C	Vinyl Chloride	1.156	1.202	-4.0#	106	0.00
5 T	Bromomethane	0.649	0.877	-35.1#	137	0.00
6 T	Chloroethane	0.788	0.838	-6.3	110	0.00
7 T	Trichlorofluoromethane	1.064	1.032	3.0	100	0.01
8 T	Diethyl Ether	0.299	0.261	12.7	89	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.609	0.612	-0.5	102	0.01
10 T	Methyl Iodide	0.399	0.656	-64.4#	127	0.00
11 T	Tert butyl alcohol	0.032	0.023	28.1#	87	0.01
12 CM	1,1-Dichloroethene	0.601	0.589	2.0#	99	0.01
13 T	Acrolein	0.062	0.028	54.8#	48#	0.00
14 T	Allyl chloride	0.827	0.689	16.7	86	0.00
15 T	Acrylonitrile	0.128	0.109	14.8	89	0.01
16 T	Acetone	0.161	0.135	16.1	120	0.00
17 T	Carbon Disulfide	2.033	1.887	7.2	96	0.00
18 T	Methyl Acetate	0.464	0.396	14.7	89	0.00
19 T	Methyl tert-butyl Ether	1.275	1.186	7.0	96	0.00
20 T	Methylene Chloride	0.835	0.647	22.5	93	0.00
21 T	trans-1,2-Dichloroethene	0.681	0.683	-0.3	99	0.01
22 T	Diisopropyl ether	1.727	1.493	13.5	87	0.00
23 T	Vinyl Acetate	0.844	0.712	15.6	85	0.00
24 P	1,1-Dichloroethane	1.170	1.092	6.7	95	0.01
25 T	2-Butanone	0.185	0.153	17.3	104	0.00
26 T	2,2-Dichloropropane	0.982	0.912	7.1	95	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.708	3.4	97	0.00
28 T	Bromochloromethane	0.473	0.378	20.1	82	0.01
29 T	Tetrahydrofuran	0.094	0.078	17.0	87	0.01
30 C	Chloroform	1.171	1.106	5.6#	96	0.00
31 T	Cyclohexane	1.048	0.930	11.3	93	0.00
32 T	1,1,1-Trichloroethane	1.032	0.996	3.5	97	0.00
33 S	1,2-Dichloroethane-d4	0.589	0.467	20.7	81	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.350	0.327	6.6	89	0.00
36 T	1,1-Dichloropropene	0.560	0.590	-5.4	99	0.01
37 T	Ethyl Acetate	0.218	0.186	14.7	92	0.00
38 T	Carbon Tetrachloride	0.558	0.591	-5.9	100	0.00
39 T	Methylcyclohexane	0.664	0.727	-9.5	100	0.00
40 TM	Benzene	1.590	1.604	-0.9	96	0.00
41 T	Methacrylonitrile	0.111	0.102	8.1	97	0.00
42 TM	1,2-Dichloroethane	0.412	0.406	1.5	94	0.00
43 T	Isopropyl Acetate	0.388	0.342	11.9	87	0.00
44 TM	Trichloroethene	0.414	0.434	-4.8	98	0.00
45 C	1,2-Dichloropropane	0.387	0.388	-0.3#	96	0.00
46 T	Dibromomethane	0.205	0.212	-3.4	99	0.00
47 T	Bromodichloromethane	0.518	0.535	-3.3	97	0.00
48 T	Methyl methacrylate	0.221	0.196	11.3	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	110	0.00
50 S	Toluene-d8	1.403	1.251	10.8	82	0.00
51 T	4-Methyl-2-Pentanone	0.198	0.178	10.1	87	0.00
52 CM	Toluene	0.986	1.048	-6.3#	98	0.00
53 T	t-1,3-Dichloropropene	0.498	0.506	-1.6	96	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.608	-1.0	95	0.00
55 T	1,1,2-Trichloroethane	0.280	0.288	-2.9	99	0.00
56 T	Ethyl methacrylate	0.247	0.238	3.6	92	0.00
57 T	1,3-Dichloropropane	0.482	0.493	-2.3	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.104	26.2#	77	0.00
59 T	2-Hexanone	0.164	0.143	12.8	96	0.00
60 T	Dibromochloromethane	0.337	0.354	-5.0	100	0.00
61 T	1,2-Dibromoethane	0.263	0.281	-6.8	104	0.00
62 S	4-Bromofluorobenzene	0.419	0.382	8.8	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.367	0.394	-7.4	101	0.00
65 PM	Chlorobenzene	1.310	1.163	11.2	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.416	0.423	-1.7	96	0.00
67 C	Ethyl Benzene	2.082	2.175	-4.5#	98	0.00
68 T	m/p-Xylenes	0.796	0.865	-8.7	99	0.00
69 T	o-Xylene	0.734	0.784	-6.8	99	0.00
70 T	Styrene	1.091	1.174	-7.6	99	0.00
71 P	Bromoform	0.217	0.222	-2.3	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.790	3.944	-4.1	98	0.00
74 T	N-amyl acetate	0.745	0.639	14.2	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.661	0.655	0.9	96	0.00
76 T	1,2,3-Trichloropropane	0.434	0.462	-6.5	90	0.00
77 T	Bromobenzene	0.891	0.901	-1.1	99	0.00
78 T	n-propylbenzene	4.618	4.898	-6.1	99	0.00
79 T	2-Chlorotoluene	2.475	2.542	-2.7	98	0.00
80 T	1,3,5-Trimethylbenzene	3.161	3.354	-6.1	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.209	2.3	96	0.00
82 T	4-Chlorotoluene	2.587	2.668	-3.1	98	0.00
83 T	tert-Butylbenzene	2.668	2.868	-7.5	99	0.00
84 T	1,2,4-Trimethylbenzene	3.161	3.355	-6.1	99	0.00
85 T	sec-Butylbenzene	3.944	4.311	-9.3	101	0.00
86 T	p-Isopropyltoluene	3.531	3.885	-10.0	100	0.00
87 T	1,3-Dichlorobenzene	1.823	1.896	-4.0	98	0.00
88 T	1,4-Dichlorobenzene	1.966	1.848	6.0	97	0.00
89 T	n-Butylbenzene	3.323	3.687	-11.0	101	0.00
90 T	Hexachloroethane	0.649	0.723	-11.4	104	0.00
91 T	1,2-Dichlorobenzene	1.550	1.610	-3.9	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.094	7.8	95	0.00
93 T	1,2,4-Trichlorobenzene	1.059	1.010	4.6	96	0.00
94 T	Hexachlorobutadiene	0.571	0.597	-4.6	98	0.00
95 T	Naphthalene	1.759	1.809	-2.8	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.873	0.890	-1.9	101	0.00

(#) = Out of Range

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