

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080226.D
 Acq On : 03 Feb 2025 14:15
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD020325

Quant Time: Feb 04 05:44:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 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	109	0.00
2 T	Dichlorodifluoromethane	0.591	0.426	27.9#	97	0.00
3 P	Chloromethane	1.042	0.892	14.4	98	0.00
4 C	Vinyl Chloride	1.260	1.087	13.7#	99	0.00
5 T	Bromomethane	0.972	0.730	24.9	95	0.00
6 T	Chloroethane	0.839	0.728	13.2	98	0.00
7 T	Trichlorofluoromethane	1.044	0.850	18.6	94	0.00
8 T	Diethyl Ether	0.286	0.260	9.1	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.604	0.501	17.1	100	0.00
10 T	Methyl Iodide	0.432	0.542	-25.5#	109	0.00
11 T	Tert butyl alcohol	0.036	0.034	5.6	103	0.01
12 CM	1,1-Dichloroethene	0.573	0.505	11.9#	102	0.00
13 T	Acrolein	0.068	0.077	-13.2	124	0.00
14 T	Allyl chloride	0.882	0.838	5.0	102	-0.01
15 T	Acrylonitrile	0.137	0.130	5.1	94	0.00
16 T	Acetone	0.105	0.099	5.7	115	0.00
17 T	Carbon Disulfide	2.065	1.882	8.9	106	0.00
18 T	Methyl Acetate	0.354	0.352	0.6	108	0.00
19 T	Methyl tert-butyl Ether	1.261	1.221	3.2	97	0.00
20 T	Methylene Chloride	0.711	0.648	8.9	104	0.00
21 T	trans-1,2-Dichloroethene	0.650	0.584	10.2	92	0.00
22 T	Diisopropyl ether	1.836	1.871	-1.9	98	0.00
23 T	Vinyl Acetate	1.060	1.122	-5.8	101	0.00
24 P	1,1-Dichloroethane	1.204	1.163	3.4	101	0.00
25 T	2-Butanone	0.163	0.147	9.8	96	0.00
26 T	2,2-Dichloropropane	1.044	0.870	16.7	94	0.00
27 T	cis-1,2-Dichloroethene	0.735	0.633	13.9	94	0.00
28 T	Bromochloromethane	0.549	0.555	-1.1	107	0.00
29 T	Tetrahydrofuran	0.106	0.106	0.0	104	0.00
30 C	Chloroform	1.231	1.136	7.7#	105	0.00
31 T	Cyclohexane	0.964	0.827	14.2	100	0.00
32 T	1,1,1-Trichloroethane	1.030	0.904	12.2	102	0.00
33 S	1,2-Dichloroethane-d4	0.650	0.619	4.8	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35 S	Dibromofluoromethane	0.354	0.348	1.7	109	0.00
36 T	1,1-Dichloropropene	0.508	0.458	9.8	98	0.00
37 T	Ethyl Acetate	0.249	0.243	2.4	105	0.00
38 T	Carbon Tetrachloride	0.530	0.481	9.2	99	0.00
39 T	Methylcyclohexane	0.551	0.517	6.2	104	0.00
40 TM	Benzene	1.591	1.500	5.7	99	0.00
41 T	Methacrylonitrile	0.137	0.147	-7.3	117	0.00
42 TM	1,2-Dichloroethane	0.453	0.444	2.0	107	0.00
43 T	Isopropyl Acetate	0.442	0.473	-7.0	116	0.00
44 TM	Trichloroethene	0.368	0.340	7.6	102	0.00
45 C	1,2-Dichloropropane	0.400	0.362	9.5#	97	0.00
46 T	Dibromomethane	0.223	0.200	10.3	94	0.00
47 T	Bromodichloromethane	0.562	0.506	10.0	97	0.00
48 T	Methyl methacrylate	0.204	0.194	4.9	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	83	0.00
50 S	Toluene-d8	1.314	1.503	-14.4	118	0.00
51 T	4-Methyl-2-Pentanone	0.223	0.250	-12.1	112	0.00
52 CM	Toluene	0.931	0.980	-5.3#	113	0.00
53 T	t-1,3-Dichloropropene	0.479	0.516	-7.7	120	0.00
54 T	cis-1,3-Dichloropropene	0.583	0.613	-5.1	105	0.00
55 T	1,1,2-Trichloroethane	0.290	0.292	-0.7	116	0.00
56 T	Ethyl methacrylate	0.331	0.381	-15.1	123	0.00
57 T	1,3-Dichloropropane	0.479	0.506	-5.6	119	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.171	-21.3	111	0.00
59 T	2-Hexanone	0.147	0.170	-15.6	126	0.00
60 T	Dibromochloromethane	0.357	0.361	-1.1	113	0.00
61 T	1,2-Dibromoethane	0.264	0.270	-2.3	116	0.00
62 S	4-Bromofluorobenzene	0.422	0.498	-18.0	123	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.349	0.305	12.6	115	0.00
65 PM	Chlorobenzene	1.146	1.011	11.8	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.401	0.345	14.0	100	0.00
67 C	Ethyl Benzene	1.907	1.793	6.0#	105	0.00
68 T	m/p-Xylenes	0.740	0.689	6.9	110	0.00
69 T	o-Xylene	0.675	0.630	6.7	109	0.00
70 T	Styrene	1.201	1.133	5.7	108	0.00
71 P	Bromoform	0.236	0.203	14.0	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.382	3.470	-2.6	110	0.00
74 T	N-amyl acetate	0.889	0.975	-9.7	119	0.00
75 P	1,1,2,2-Tetrachloroethane	0.704	0.697	1.0	109	0.00
76 T	1,2,3-Trichloropropane	0.506	0.476	5.9	111	0.00
77 T	Bromobenzene	0.872	0.857	1.7	109	0.00
78 T	n-propylbenzene	4.306	4.358	-1.2	104	0.00
79 T	2-Chlorotoluene	2.446	2.503	-2.3	109	0.00
80 T	1,3,5-Trimethylbenzene	2.828	2.921	-3.3	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.247	0.265	-7.3	115	0.00
82 T	4-Chlorotoluene	2.600	2.693	-3.6	112	0.00
83 T	tert-Butylbenzene	2.312	2.347	-1.5	113	0.00
84 T	1,2,4-Trimethylbenzene	2.879	2.796	2.9	95	0.00
85 T	sec-Butylbenzene	3.535	3.440	2.7	106	0.00
86 T	p-Isopropyltoluene	3.019	2.800	7.3	101	0.00
87 T	1,3-Dichlorobenzene	1.718	1.556	9.4	101	0.00
88 T	1,4-Dichlorobenzene	1.739	1.503	13.6	98	0.00
89 T	n-Butylbenzene	2.934	2.620	10.7	100	0.00
90 T	Hexachloroethane	0.671	0.561	16.4	94	0.00
91 T	1,2-Dichlorobenzene	1.514	1.332	12.0	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.112	0.094	16.1	85	0.00
93 T	1,2,4-Trichlorobenzene	0.965	0.831	13.9	88	0.00
94 T	Hexachlorobutadiene	0.523	0.437	16.4	89	0.00
95 T	Naphthalene	1.731	1.480	14.5	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.871	0.748	14.1	86	0.00

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