

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
 Data File : VD077314.D
 Acq On : 11 Oct 2023 19:27
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD101123

Quant Time: Oct 12 14:43:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 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	109	0.00
2 T	Dichlorodifluoromethane	0.458	0.449	2.0	110	0.00
3 P	Chloromethane	0.723	0.745	-3.0	104	0.00
4 C	Vinyl Chloride	0.801	0.753	6.0#	95	0.00
5 T	Bromomethane	0.577	0.576	0.2	102	0.00
6 T	Chloroethane	0.542	0.531	2.0	99	0.00
7 T	Trichlorofluoromethane	0.861	0.951	-10.5	108	0.00
8 T	Diethyl Ether	0.298	0.332	-11.4	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.593	0.590	0.5	108	0.00
10 T	Methyl Iodide	0.752	0.796	-5.9	105	0.00
11 T	Tert butyl alcohol	0.030	0.031	-3.3	112	0.00
12 CM	1,1-Dichloroethene	0.579	0.595	-2.8#	110	0.00
13 T	Acrolein	0.038	0.049	-28.9#	106	0.00
14 T	Allyl chloride	0.795	0.870	-9.4	113	0.00
15 T	Acrylonitrile	0.142	0.147	-3.5	110	0.00
16 T	Acetone	0.123	0.122	0.8	109	0.00
17 T	Carbon Disulfide	1.761	1.862	-5.7	108	0.00
18 T	Methyl Acetate	0.498	0.524	-5.2	112	0.00
19 T	Methyl tert-butyl Ether	1.302	1.415	-8.7	112	0.00
20 T	Methylene Chloride	1.176	0.913	22.4	116	0.00
21 T	trans-1,2-Dichloroethene	0.693	0.702	-1.3	107	0.00
22 T	Diisopropyl ether	1.809	1.964	-8.6	110	0.00
23 T	Vinyl Acetate	0.852	0.919	-7.9	110	0.00
24 P	1,1-Dichloroethane	1.190	1.246	-4.7	110	0.00
25 T	2-Butanone	0.165	0.171	-3.6	111	0.00
26 T	2,2-Dichloropropane	0.957	0.962	-0.5	107	0.00
27 T	cis-1,2-Dichloroethene	0.769	0.804	-4.6	110	0.00
28 T	Bromochloromethane	0.471	0.503	-6.8	109	0.00
29 T	Tetrahydrofuran	0.100	0.109	-9.0	113	0.00
30 C	Chloroform	1.216	1.247	-2.5#	108	0.00
31 T	Cyclohexane	0.954	0.955	-0.1	109	0.00
32 T	1,1,1-Trichloroethane	0.980	1.014	-3.5	110	0.00
33 S	1,2-Dichloroethane-d4	0.393	0.381	3.1	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35 S	Dibromofluoromethane	0.260	0.249	4.2	110	0.00
36 T	1,1-Dichloropropene	0.487	0.482	1.0	106	0.00
37 T	Ethyl Acetate	0.203	0.205	-1.0	109	0.00
38 T	Carbon Tetrachloride	0.438	0.430	1.8	107	0.00
39 T	Methylcyclohexane	0.558	0.562	-0.7	105	0.00
40 TM	Benzene	1.483	1.520	-2.5	108	0.00
41 T	Methacrylonitrile	0.106	0.116	-9.4	114	-0.01
42 TM	1,2-Dichloroethane	0.353	0.353	0.0	107	0.00
43 T	Isopropyl Acetate	0.359	0.375	-4.5	111	0.00
44 TM	Trichloroethene	0.366	0.363	0.8	110	0.00
45 C	1,2-Dichloropropane	0.380	0.390	-2.6#	108	0.00
46 T	Dibromomethane	0.202	0.201	0.5	109	0.00
47 T	Bromodichloromethane	0.489	0.494	-1.0	108	0.00
48 T	Methyl methacrylate	0.171	0.176	-2.9	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	98	0.00
50 S	Toluene-d8	0.873	0.835	4.4	106	0.00
51 T	4-Methyl-2-Pentanone	0.188	0.195	-3.7	109	0.00
52 CM	Toluene	0.918	0.938	-2.2#	107	0.00
53 T	t-1,3-Dichloropropene	0.466	0.484	-3.9	109	0.00
54 T	cis-1,3-Dichloropropene	0.576	0.582	-1.0	106	0.00
55 T	1,1,2-Trichloroethane	0.273	0.274	-0.4	106	0.00
56 T	Ethyl methacrylate	0.322	0.340	-5.6	108	0.00
57 T	1,3-Dichloropropane	0.469	0.478	-1.9	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.157	0.161	-2.5	104	0.00
59 T	2-Hexanone	0.133	0.136	-2.3	106	0.00
60 T	Dibromochloromethane	0.312	0.313	-0.3	105	0.00
61 T	1,2-Dibromoethane	0.252	0.256	-1.6	106	0.00
62 S	4-Bromofluorobenzene	0.293	0.270	7.8	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
64 T	Tetrachloroethene	0.316	0.301	4.7	103	0.00
65 PM	Chlorobenzene	1.035	1.035	0.0	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.367	0.367	0.0	107	0.00
67 C	Ethyl Benzene	1.885	1.921	-1.9#	106	0.00
68 T	m/p-Xylenes	0.719	0.734	-2.1	105	0.00
69 T	o-Xylene	0.672	0.686	-2.1	104	0.00
70 T	Styrene	1.162	1.201	-3.4	103	0.00
71 P	Bromoform	0.185	0.185	0.0	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.764	3.888	-3.3	104	0.00
74 T	N-amyl acetate	0.782	0.844	-7.9	107	0.00
75 P	1,1,2,2-Tetrachloroethane	0.738	0.760	-3.0	106	0.00
76 T	1,2,3-Trichloropropane	0.518	0.506	2.3	108	0.00
77 T	Bromobenzene	0.845	0.845	0.0	102	0.00
78 T	n-propylbenzene	4.749	4.896	-3.1	103	0.00
79 T	2-Chlorotoluene	2.550	2.649	-3.9	104	0.00
80 T	1,3,5-Trimethylbenzene	3.111	3.214	-3.3	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.232	0.234	-0.9	101	0.00
82 T	4-Chlorotoluene	2.680	2.793	-4.2	104	0.00
83 T	tert-Butylbenzene	2.610	2.715	-4.0	103	0.00
84 T	1,2,4-Trimethylbenzene	3.140	3.264	-3.9	103	0.00
85 T	sec-Butylbenzene	4.073	4.125	-1.3	100	0.00
86 T	p-Isopropyltoluene	3.350	3.402	-1.6	100	0.00
87 T	1,3-Dichlorobenzene	1.780	1.748	1.8	99	0.00
88 T	1,4-Dichlorobenzene	1.747	1.733	0.8	103	0.00
89 T	n-Butylbenzene	3.281	3.329	-1.5	101	0.00
90 T	Hexachloroethane	0.652	0.648	0.6	101	0.00
91 T	1,2-Dichlorobenzene	1.532	1.522	0.7	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.100	-3.1	104	0.00
93 T	1,2,4-Trichlorobenzene	0.937	0.924	1.4	100	0.00
94 T	Hexachlorobutadiene	0.464	0.447	3.7	98	0.00
95 T	Naphthalene	1.818	1.952	-7.4	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.826	0.850	-2.9	105	0.00

(#) = Out of Range

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