

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075021.D
 Acq On : 14 Dec 2022 15:44
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD121422

Quant Time: Dec 15 03:36:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:27:53 2022
 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	110	0.00
2 T	Dichlorodifluoromethane	0.294	0.243	17.3	108	0.00
3 P	Chloromethane	0.559	0.453	19.0	100	0.00
4 C	Vinyl Chloride	0.605	0.538	11.1#	112	0.00
5 T	Bromomethane	0.439	0.370	15.7	114	0.00
6 T	Chloroethane	0.447	0.399	10.7	109	0.00
7 T	Trichlorofluoromethane	0.737	0.647	12.2	111	0.00
8 T	Diethyl Ether	0.220	0.203	7.7	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.480	0.426	11.2	108	0.00
10 T	Methyl Iodide	0.374	0.387	-3.5	123	0.00
11 T	Tert butyl alcohol	0.028	0.024	14.3	106	0.00
12 CM	1,1-Dichloroethene	0.460	0.418	9.1#	111	0.00
13 T	Acrolein	0.049	0.044	10.2	104	0.00
14 T	Allyl chloride	0.525	0.490	6.7	111	0.00
15 T	Acrylonitrile	0.093	0.086	7.5	106	0.00
16 T	Acetone	0.093	0.095	-2.2	108	0.00
17 T	Carbon Disulfide	1.048	0.923	11.9	110	0.00
18 T	Methyl Acetate	0.256	0.195	23.8	106	0.00
19 T	Methyl tert-butyl Ether	0.978	0.934	4.5	108	0.00
20 T	Methylene Chloride	0.717	0.552	23.0	113	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.466	7.0	110	0.00
22 T	Diisopropyl ether	1.202	1.144	4.8	107	0.00
23 T	Vinyl Acetate	0.537	0.540	-0.6	107	0.00
24 P	1,1-Dichloroethane	0.853	0.789	7.5	110	0.00
25 T	2-Butanone	0.117	0.109	6.8	103	0.00
26 T	2,2-Dichloropropane	0.802	0.732	8.7	110	0.00
27 T	cis-1,2-Dichloroethene	0.593	0.550	7.3	109	0.00
28 T	Bromochloromethane	0.273	0.254	7.0	109	-0.01
29 T	Tetrahydrofuran	0.063	0.057	9.5	103	0.00
30 C	Chloroform	0.930	0.864	7.1#	109	0.00
31 T	Cyclohexane	0.640	0.566	11.6	109	0.00
32 T	1,1,1-Trichloroethane	0.796	0.737	7.4	110	0.00
33 S	1,2-Dichloroethane-d4	0.358	0.310	13.4	115	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	133	0.00
35 S	Dibromofluoromethane	0.313	0.250	20.1	118	0.00
36 T	1,1-Dichloropropene	0.411	0.363	11.7	112	0.00
37 T	Ethyl Acetate	0.161	0.131	18.6	104	0.00
38 T	Carbon Tetrachloride	0.385	0.352	8.6	111	0.00
39 T	Methylcyclohexane	0.419	0.407	2.9	130	0.00
40 TM	Benzene	1.235	1.105	10.5	110	0.00
41 T	Methacrylonitrile	0.087	0.085	2.3	127	0.00
42 TM	1,2-Dichloroethane	0.296	0.266	10.1	118	0.00
43 T	Isopropyl Acetate	0.270	0.246	8.9	120	0.00
44 TM	Trichloroethene	0.323	0.322	0.3	135	0.00
45 C	1,2-Dichloropropane	0.280	0.271	3.2#	124	0.00
46 T	Dibromomethane	0.152	0.153	-0.7	131	0.00
47 T	Bromodichloromethane	0.386	0.391	-1.3	131	0.00
48 T	Methyl methacrylate	0.118	0.110	6.8	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	122	0.00
50 S	Toluene-d8	0.959	0.841	12.3	138	0.00
51 T	4-Methyl-2-Pentanone	0.135	0.132	2.2	118	0.00
52 CM	Toluene	0.730	0.733	-0.4#	128	0.00
53 T	t-1,3-Dichloropropene	0.356	0.355	0.3	125	0.00
54 T	cis-1,3-Dichloropropene	0.432	0.434	-0.5	128	0.00
55 T	1,1,2-Trichloroethane	0.222	0.221	0.5	128	0.00
56 T	Ethyl methacrylate	0.244	0.248	-1.6	123	0.00
57 T	1,3-Dichloropropane	0.360	0.353	1.9	126	0.00
58 T	2-Chloroethyl Vinyl ether	0.099	0.100	-1.0	125	0.00
59 T	2-Hexanone	0.098	0.099	-1.0	120	0.00
60 T	Dibromochloromethane	0.259	0.262	-1.2	129	0.00
61 T	1,2-Dibromoethane	0.201	0.203	-1.0	130	0.00
62 S	4-Bromofluorobenzene	0.308	0.246	20.1	116	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	127	0.00
64 T	Tetrachloroethene	0.291	0.294	-1.0	135	0.00
65 PM	Chlorobenzene	0.918	0.788	14.2	112	0.00
66 T	1,1,1,2-Tetrachloroethane	0.323	0.272	15.8	106	0.00
67 C	Ethyl Benzene	1.586	1.366	13.9#	109	0.00
68 T	m/p-Xylenes	0.622	0.536	13.8	108	0.00
69 T	o-Xylene	0.590	0.494	16.3	107	0.00
70 T	Styrene	1.013	0.878	13.3	107	0.00
71 P	Bromoform	0.166	0.137	17.5	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.307	3.402	-2.9	108	0.00
74 T	N-amyl acetate	0.578	0.594	-2.8	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.594	0.596	-0.3	106	0.00
76 T	1,2,3-Trichloropropane	0.435	0.400	8.0	101	0.00
77 T	Bromobenzene	0.752	0.763	-1.5	107	0.00
78 T	n-propylbenzene	4.048	4.152	-2.6	107	0.00
79 T	2-Chlorotoluene	2.206	2.241	-1.6	106	0.00
80 T	1,3,5-Trimethylbenzene	2.733	2.779	-1.7	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.171	0.176	-2.9	106	0.00
82 T	4-Chlorotoluene	2.287	2.303	-0.7	106	0.00
83 T	tert-Butylbenzene	2.354	2.423	-2.9	107	0.00
84 T	1,2,4-Trimethylbenzene	2.710	2.756	-1.7	105	0.00
85 T	sec-Butylbenzene	3.663	3.741	-2.1	107	0.00
86 T	p-Isopropyltoluene	3.053	3.093	-1.3	106	0.00
87 T	1,3-Dichlorobenzene	1.590	1.552	2.4	106	0.00
88 T	1,4-Dichlorobenzene	1.569	1.539	1.9	107	0.00
89 T	n-Butylbenzene	2.854	2.923	-2.4	107	0.00
90 T	Hexachloroethane	0.542	0.538	0.7	107	0.00
91 T	1,2-Dichlorobenzene	1.357	1.322	2.6	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.079	0.077	2.5	101	0.00
93 T	1,2,4-Trichlorobenzene	0.837	0.824	1.6	104	0.00
94 T	Hexachlorobutadiene	0.431	0.428	0.7	107	0.00
95 T	Naphthalene	1.582	1.584	-0.1	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.710	0.701	1.3	105	0.00

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