

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072022.D
 Acq On : 18 Feb 2022 18:10
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD021822

Quant Time: Feb 19 04:06:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 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	112	0.00
2 T	Dichlorodifluoromethane	0.471	0.410	13.0	106	0.00
3 P	Chloromethane	0.446	0.400	10.3	110	0.00
4 C	Vinyl Chloride	0.426	0.390	8.5#	110	0.00
5 T	Bromomethane	0.297	0.259	12.8	110	0.00
6 T	Chloroethane	0.269	0.246	8.6	107	0.00
7 T	Trichlorofluoromethane	0.823	0.738	10.3	106	0.00
8 T	Diethyl Ether	0.235	0.237	-0.9	115	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.463	9.9	105	0.00
10 T	Methyl Iodide	0.506	0.503	0.6	99	0.00
11 T	Tert butyl alcohol	0.030	0.029	3.3	124	0.00
12 CM	1,1-Dichloroethene	0.457	0.425	7.0#	106	0.00
13 T	Acrolein	0.058	0.052	10.3	114	0.00
14 T	Allyl chloride	0.801	0.771	3.7	108	0.00
15 T	Acrylonitrile	0.127	0.123	3.1	113	0.00
16 T	Acetone	0.112	0.115	-2.7	121	0.00
17 T	Carbon Disulfide	1.310	1.195	8.8	103	0.00
18 T	Methyl Acetate	0.320	0.273	14.7	117	0.01
19 T	Methyl tert-butyl Ether	1.112	1.147	-3.1	116	0.00
20 T	Methylene Chloride	0.558	0.497	10.9	107	0.00
21 T	trans-1,2-Dichloroethene	0.513	0.481	6.2	106	0.00
22 T	Diisopropyl ether	1.672	1.625	2.8	108	0.00
23 T	Vinyl Acetate	0.893	0.956	-7.1	113	0.00
24 P	1,1-Dichloroethane	0.995	0.910	8.5	106	0.00
25 T	2-Butanone	0.155	0.154	0.6	117	0.00
26 T	2,2-Dichloropropane	0.796	0.744	6.5	108	0.00
27 T	cis-1,2-Dichloroethene	0.588	0.562	4.4	107	0.00
28 T	Bromochloromethane	0.424	0.419	1.2	109	0.00
29 T	Tetrahydrofuran	0.099	0.101	-2.0	119	0.00
30 C	Chloroform	1.021	0.925	9.4#	105	0.00
31 T	Cyclohexane	0.916	0.842	8.1	108	0.00
32 T	1,1,1-Trichloroethane	0.879	0.817	7.1	108	0.00
33 S	1,2-Dichloroethane-d4	0.519	0.505	2.7	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35 S	Dibromofluoromethane	0.303	0.293	3.3	101	0.00
36 T	1,1-Dichloropropene	0.459	0.434	5.4	107	0.00
37 T	Ethyl Acetate	0.213	0.214	-0.5	118	0.00
38 T	Carbon Tetrachloride	0.470	0.430	8.5	104	0.00
39 T	Methylcyclohexane	0.537	0.531	1.1	109	0.00
40 TM	Benzene	1.295	1.210	6.6	105	0.00
41 T	Methacrylonitrile	0.132	0.124	6.1	116	0.00
42 TM	1,2-Dichloroethane	0.388	0.369	4.9	110	0.00
43 T	Isopropyl Acetate	0.396	0.399	-0.8	117	0.00
44 TM	Trichloroethene	0.353	0.327	7.4	106	0.00
45 C	1,2-Dichloropropane	0.345	0.316	8.4#	105	0.00
46 T	Dibromomethane	0.182	0.173	4.9	111	0.00
47 T	Bromodichloromethane	0.470	0.436	7.2	107	0.00
48 T	Methyl methacrylate	0.200	0.203	-1.5	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	115	0.00
50 S	Toluene-d8	1.123	1.146	-2.0	101	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.212	-1.0	115	0.00
52 CM	Toluene	0.829	0.789	4.8#	106	0.00
53 T	t-1,3-Dichloropropene	0.430	0.419	2.6	109	0.00
54 T	cis-1,3-Dichloropropene	0.509	0.482	5.3	108	0.00
55 T	1,1,2-Trichloroethane	0.257	0.240	6.6	107	0.00
56 T	Ethyl methacrylate	0.306	0.320	-4.6	117	0.00
57 T	1,3-Dichloropropane	0.443	0.426	3.8	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.137	0.135	1.5	115	0.00
59 T	2-Hexanone	0.143	0.147	-2.8	118	0.00
60 T	Dibromochloromethane	0.320	0.303	5.3	110	0.00
61 T	1,2-Dibromoethane	0.245	0.232	5.3	111	0.00
62 S	4-Bromofluorobenzene	0.413	0.401	2.9	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64 T	Tetrachloroethene	0.316	0.287	9.2	104	0.00
65 PM	Chlorobenzene	0.969	0.908	6.3	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.360	0.337	6.4	107	0.00
67 C	Ethyl Benzene	1.704	1.646	3.4#	106	0.00
68 T	m/p-Xylenes	0.652	0.635	2.6	106	0.00
69 T	o-Xylene	0.614	0.607	1.1	108	0.00
70 T	Styrene	1.053	1.038	1.4	107	0.00
71 P	Bromoform	0.206	0.194	5.8	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73 T	Isopropylbenzene	3.433	3.449	-0.5	106	0.00
74 T	N-amyl acetate	0.829	0.876	-5.7	117	0.00
75 P	1,1,2,2-Tetrachloroethane	0.679	0.651	4.1	112	0.00
76 T	1,2,3-Trichloropropane	0.474	0.429	9.5	113	0.00
77 T	Bromobenzene	0.804	0.782	2.7	105	0.00
78 T	n-propylbenzene	4.220	4.247	-0.6	106	0.00
79 T	2-Chlorotoluene	2.442	2.407	1.4	107	0.00
80 T	1,3,5-Trimethylbenzene	2.867	2.874	-0.2	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.192	-1.6	114	0.00
82 T	4-Chlorotoluene	2.542	2.477	2.6	106	0.00
83 T	tert-Butylbenzene	2.463	2.484	-0.9	105	0.00
84 T	1,2,4-Trimethylbenzene	2.818	2.821	-0.1	106	0.00
85 T	sec-Butylbenzene	3.752	3.783	-0.8	107	0.00
86 T	p-Isopropyltoluene	3.086	3.113	-0.9	106	0.00
87 T	1,3-Dichlorobenzene	1.625	1.558	4.1	105	0.00
88 T	1,4-Dichlorobenzene	1.633	1.561	4.4	109	0.00
89 T	n-Butylbenzene	2.934	2.949	-0.5	107	0.00
90 T	Hexachloroethane	0.619	0.596	3.7	107	0.00
91 T	1,2-Dichlorobenzene	1.425	1.388	2.6	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.106	0.107	-0.9	116	0.00
93 T	1,2,4-Trichlorobenzene	0.875	0.897	-2.5	112	0.00
94 T	Hexachlorobutadiene	0.481	0.480	0.2	107	0.00
95 T	Naphthalene	1.589	1.744	-9.8	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.755	0.779	-3.2	112	0.00

(#) = Out of Range

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