

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073058.D
 Acq On : 17 May 2022 15:16
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD051722

Quant Time: May 18 04:58:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 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	125	0.00
2 T	Dichlorodifluoromethane	0.625	0.500	20.0	122	0.00
3 P	Chloromethane	0.645	0.544	15.7	120	0.00
4 C	Vinyl Chloride	0.593	0.527	11.1#	123	0.00
5 T	Bromomethane	0.421	0.356	15.4	118	0.00
6 T	Chloroethane	0.369	0.334	9.5	126	0.00
7 T	Trichlorofluoromethane	1.085	0.966	11.0	125	0.00
8 T	Diethyl Ether	0.297	0.271	8.8	119	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.642	0.559	12.9	122	0.00
10 T	Methyl Iodide	0.649	0.666	-2.6	130	0.00
11 T	Tert butyl alcohol	0.097	0.063	35.1#	138	0.00
12 CM	1,1-Dichloroethene	0.581	0.532	8.4#	126	0.00
13 T	Acrolein	0.052	0.046	11.5	109	0.00
14 T	Allyl chloride	0.920	0.891	3.2	129	0.00
15 T	Acrylonitrile	0.142	0.127	10.6	112	0.00
16 T	Acetone	0.113	0.109	3.5	129	0.00
17 T	Carbon Disulfide	1.946	1.772	8.9	125	0.00
18 T	Methyl Acetate	0.357	0.288	19.3	120	0.00
19 T	Methyl tert-butyl Ether	1.359	1.307	3.8	122	0.00
20 T	Methylene Chloride	0.821	0.663	19.2	120	0.00
21 T	trans-1,2-Dichloroethene	0.691	0.643	6.9	123	0.00
22 T	Diisopropyl ether	1.975	1.898	3.9	121	0.00
23 T	Vinyl Acetate	1.067	1.048	1.8	120	0.00
24 P	1,1-Dichloroethane	1.229	1.123	8.6	122	0.00
25 T	2-Butanone	0.171	0.161	5.8	123	0.00
26 T	2,2-Dichloropropane	1.041	0.987	5.2	129	0.00
27 T	cis-1,2-Dichloroethene	0.762	0.720	5.5	124	0.00
28 T	Bromochloromethane	0.421	0.380	9.7	119	0.00
29 T	Tetrahydrofuran	0.110	0.102	7.3	114	0.00
30 C	Chloroform	1.315	1.175	10.6#	120	0.00
31 T	Cyclohexane	1.126	1.026	8.9	128	0.00
32 T	1,1,1-Trichloroethane	1.127	1.045	7.3	124	0.00
33 S	1,2-Dichloroethane-d4	0.625	0.541	13.4	111	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	128	0.00
35 S	Dibromofluoromethane	0.351	0.323	8.0	116	0.00
36 T	1,1-Dichloropropene	0.572	0.524	8.4	125	0.00
37 T	Ethyl Acetate	0.240	0.218	9.2	117	0.00
38 T	Carbon Tetrachloride	0.585	0.535	8.5	123	0.00
39 T	Methylcyclohexane	0.667	0.640	4.0	128	0.00
40 TM	Benzene	1.636	1.520	7.1	123	0.00
41 T	Methacrylonitrile	0.135	0.132	2.2	120	0.01
42 TM	1,2-Dichloroethane	0.476	0.421	11.6	116	0.00
43 T	Isopropyl Acetate	0.447	0.408	8.7	118	0.00
44 TM	Trichloroethene	0.442	0.403	8.8	125	0.00
45 C	1,2-Dichloropropane	0.425	0.378	11.1#	119	0.00
46 T	Dibromomethane	0.235	0.201	14.5	114	0.00
47 T	Bromodichloromethane	0.597	0.523	12.4	116	0.00
48 T	Methyl methacrylate	0.222	0.207	6.8	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	112	0.00
50 S	Toluene-d8	1.274	1.221	4.2	118	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.215	7.7	115	0.00
52 CM	Toluene	1.038	0.976	6.0#	122	0.00
53 T	t-1,3-Dichloropropene	0.544	0.500	8.1	119	0.00
54 T	cis-1,3-Dichloropropene	0.641	0.598	6.7	122	0.00
55 T	1,1,2-Trichloroethane	0.321	0.278	13.4	115	0.00
56 T	Ethyl methacrylate	0.363	0.350	3.6	118	0.00
57 T	1,3-Dichloropropane	0.545	0.479	12.1	115	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.153	7.3	110	0.00
59 T	2-Hexanone	0.154	0.151	1.9	121	0.00
60 T	Dibromochloromethane	0.398	0.345	13.3	115	0.00
61 T	1,2-Dibromoethane	0.308	0.270	12.3	117	0.00
62 S	4-Bromofluorobenzene	0.461	0.421	8.7	112	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	122	0.00
64 T	Tetrachloroethene	0.366	0.349	4.6	123	0.00
65 PM	Chlorobenzene	1.134	1.099	3.1	122	0.00
66 T	1,1,1,2-Tetrachloroethane	0.433	0.401	7.4	118	0.00
67 C	Ethyl Benzene	1.974	2.005	-1.6#	123	0.00
68 T	m/p-Xylenes	0.765	0.782	-2.2	124	0.00
69 T	o-Xylene	0.706	0.727	-3.0	123	0.00
70 T	Styrene	1.232	1.250	-1.5	119	0.00
71 P	Bromoform	0.228	0.212	7.0	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
73 T	Isopropylbenzene	3.790	4.178	-10.2	127	0.00
74 T	N-amyl acetate	0.886	0.937	-5.8	117	0.00
75 P	1,1,2,2-Tetrachloroethane	0.747	0.718	3.9	112	0.00
76 T	1,2,3-Trichloropropane	0.565	0.508	10.1	107	0.00
77 T	Bromobenzene	0.904	0.929	-2.8	119	0.00
78 T	n-propylbenzene	4.759	5.172	-8.7	124	0.00
79 T	2-Chlorotoluene	2.773	2.887	-4.1	120	0.00
80 T	1,3,5-Trimethylbenzene	3.229	3.487	-8.0	123	0.00
81 T	trans-1,4-Dichloro-2-butene	0.236	0.239	-1.3	114	0.00
82 T	4-Chlorotoluene	2.934	3.050	-4.0	121	0.00
83 T	tert-Butylbenzene	2.735	3.002	-9.8	127	0.00
84 T	1,2,4-Trimethylbenzene	3.212	3.460	-7.7	122	0.00
85 T	sec-Butylbenzene	4.151	4.506	-8.6	126	0.00
86 T	p-Isopropyltoluene	3.377	3.699	-9.5	124	0.00
87 T	1,3-Dichlorobenzene	1.859	1.853	0.3	117	0.00
88 T	1,4-Dichlorobenzene	1.837	1.816	1.1	117	0.00
89 T	n-Butylbenzene	3.284	3.572	-8.8	124	0.00
90 T	Hexachloroethane	0.702	0.716	-2.0	123	0.00
91 T	1,2-Dichlorobenzene	1.612	1.612	0.0	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.113	2.6	114	0.00
93 T	1,2,4-Trichlorobenzene	0.920	0.981	-6.6	121	0.00
94 T	Hexachlorobutadiene	0.513	0.512	0.2	121	0.00
95 T	Naphthalene	1.666	1.807	-8.5	119	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.817	0.840	-2.8	117	0.00

(#) = Out of Range

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