

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072307.D
 Acq On : 18 Mar 2022 23:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 19 05:30:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 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	75	0.00
2 T	Dichlorodifluoromethane	0.462	0.378	18.2	57	0.00
3 P	Chloromethane	0.411	0.433	-5.4	73	0.00
4 C	Vinyl Chloride	0.397	0.408	-2.8#	67	0.00
5 T	Bromomethane	0.258	0.292	-13.2	80	0.00
6 T	Chloroethane	0.262	0.285	-8.8	72	0.00
7 T	Trichlorofluoromethane	0.896	0.795	11.3	61	0.00
8 T	Diethyl Ether	0.247	0.258	-4.5	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.571	0.498	12.8	61	0.00
10 T	Methyl Iodide	0.457	0.386	15.5	54	0.00
11 T	Tert butyl alcohol	0.032	0.032	0.0	84	0.02
12 CM	1,1-Dichloroethene	0.460	0.425	7.6#	62	0.00
13 T	Acrolein	0.029	0.028	3.4	86	0.00
14 T	Allyl chloride	0.803	0.804	-0.1	69	0.00
15 T	Acrylonitrile	0.125	0.140	-12.0	86	0.00
16 T	Acetone	0.121	0.103	14.9	64	0.00
17 T	Carbon Disulfide	0.937	1.015	-8.3	62	0.00
18 T	Methyl Acetate	0.296	0.331	-11.8	94	0.00
19 T	Methyl tert-butyl Ether	1.249	1.328	-6.3	78	0.00
20 T	Methylene Chloride	0.727	0.657	9.6	76	0.00
21 T	trans-1,2-Dichloroethene	0.508	0.522	-2.8	68	0.00
22 T	Diisopropyl ether	1.833	1.997	-8.9	79	0.00
23 T	Vinyl Acetate	0.935	1.057	-13.0	78	0.00
24 P	1,1-Dichloroethane	1.081	1.107	-2.4	73	0.00
25 T	2-Butanone	0.161	0.170	-5.6	80	0.00
26 T	2,2-Dichloropropane	0.975	0.822	15.7	60	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.667	-2.8	72	0.00
28 T	Bromochloromethane	0.435	0.533	-22.5	88	0.00
29 T	Tetrahydrofuran	0.095	0.112	-17.9	88	0.00
30 C	Chloroform	1.151	1.183	-2.8#	75	0.00
31 T	Cyclohexane	0.871	0.778	10.7	60	0.00
32 T	1,1,1-Trichloroethane	1.023	0.968	5.4	67	0.00
33 S	1,2-Dichloroethane-d4	0.557	0.647	-16.2	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.352	0.376	-6.8	92	0.00
36 T	1,1-Dichloropropene	0.494	0.455	7.9	65	0.00
37 T	Ethyl Acetate	0.216	0.233	-7.9	85	0.00
38 T	Carbon Tetrachloride	0.561	0.484	13.7	64	0.00
39 T	Methylcyclohexane	0.555	0.491	11.5	59	0.00
40 TM	Benzene	1.408	1.402	0.4	72	0.00
41 T	Methacrylonitrile	0.126	0.138	-9.5	84	0.00
42 TM	1,2-Dichloroethane	0.427	0.445	-4.2	80	0.00
43 T	Isopropyl Acetate	0.420	0.455	-8.3	86	0.00
44 TM	Trichloroethene	0.395	0.367	7.1	67	0.00
45 C	1,2-Dichloropropane	0.386	0.384	0.5#	77	0.00
46 T	Dibromomethane	0.190	0.203	-6.8	82	0.00
47 T	Bromodichloromethane	0.554	0.545	1.6	76	0.00
48 T	Methyl methacrylate	0.200	0.208	-4.0	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	82	0.00
50 S	Toluene-d8	1.287	1.350	-4.9	86	0.00
51 T	4-Methyl-2-Pentanone	0.220	0.248	-12.7	89	0.00
52 CM	Toluene	0.927	0.905	2.4#	70	0.00
53 T	t-1,3-Dichloropropene	0.506	0.499	1.4	76	0.00
54 T	cis-1,3-Dichloropropene	0.585	0.571	2.4	74	0.00
55 T	1,1,2-Trichloroethane	0.289	0.294	-1.7	81	0.00
56 T	Ethyl methacrylate	0.339	0.368	-8.6	83	0.00
57 T	1,3-Dichloropropane	0.486	0.514	-5.8	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.166	-9.2	88	0.00
59 T	2-Hexanone	0.152	0.167	-9.9	86	0.00
60 T	Dibromochloromethane	0.376	0.373	0.8	79	0.00
61 T	1,2-Dibromoethane	0.262	0.272	-3.8	80	0.00
62 S	4-Bromofluorobenzene	0.500	0.521	-4.2	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.352	0.311	11.6	65	0.00
65 PM	Chlorobenzene	1.108	1.047	5.5	72	0.00
66 T	1,1,1,2-Tetrachloroethane	0.438	0.412	5.9	74	0.00
67 C	Ethyl Benzene	1.980	1.854	6.4#	69	0.00
68 T	m/p-Xylenes	0.752	0.703	6.5	69	0.00
69 T	o-Xylene	0.719	0.689	4.2	71	0.00
70 T	Styrene	1.256	1.229	2.1	75	0.00
71 P	Bromoform	0.234	0.232	0.9	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	3.962	3.665	7.5	68	0.00
74 T	N-amyl acetate	0.851	0.905	-6.3	83	0.00
75 P	1,1,2,2-Tetrachloroethane	0.709	0.743	-4.8	87	0.00
76 T	1,2,3-Trichloropropane	0.552	0.565	-2.4	83	0.00
77 T	Bromobenzene	0.892	0.878	1.6	76	0.00
78 T	n-propylbenzene	4.813	4.438	7.8	68	0.00
79 T	2-Chlorotoluene	2.783	2.635	5.3	72	0.00
80 T	1,3,5-Trimethylbenzene	3.404	3.124	8.2	69	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.214	3.6	78	0.00
82 T	4-Chlorotoluene	2.882	2.699	6.3	71	0.00
83 T	tert-Butylbenzene	2.984	2.723	8.7	68	0.00
84 T	1,2,4-Trimethylbenzene	3.354	3.074	8.3	69	0.00
85 T	sec-Butylbenzene	4.482	3.973	11.4	66	0.00
86 T	p-Isopropyltoluene	3.688	3.274	11.2	66	0.00
87 T	1,3-Dichlorobenzene	1.869	1.689	9.6	71	0.00
88 T	1,4-Dichlorobenzene	1.853	1.686	9.0	71	0.00
89 T	n-Butylbenzene	3.515	3.005	14.5	63	0.00
90 T	Hexachloroethane	0.723	0.652	9.8	70	0.00
91 T	1,2-Dichlorobenzene	1.630	1.552	4.8	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.113	0.121	-7.1	87	0.00
93 T	1,2,4-Trichlorobenzene	1.079	0.933	13.5	68	0.00
94 T	Hexachlorobutadiene	0.628	0.513	18.3	63	0.00
95 T	Naphthalene	1.860	1.850	0.5	79	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.934	0.850	9.0	73	0.00

(#) = Out of Range

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