

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111621\
 Data File : VD071047.D
 Acq On : 16 Nov 2021 17:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 17 03:25:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 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	59	0.00
2 T	Dichlorodifluoromethane	0.427	0.389	8.9	57	0.00
3 P	Chloromethane	0.508	0.554	-9.1	67	0.00
4 C	Vinyl Chloride	0.489	0.602	-23.1#	72	0.00
5 T	Bromomethane	0.333	0.406	-21.9	77	0.01
6 T	Chloroethane	0.314	0.412	-31.2#	76	0.00
7 T	Trichlorofluoromethane	0.787	0.841	-6.9	63	0.00
8 T	Diethyl Ether	0.260	0.255	1.9	57	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.485	0.495	-2.1	60	0.00
10 T	Methyl Iodide	0.476	0.524	-10.1	56	0.00
11 T	Tert butyl alcohol	0.039	0.049	-25.6#	81	0.00
12 CM	1,1-Dichloroethene	0.475	0.471	0.8#	58	0.00
13 T	Acrolein	0.013	0.011	15.4	61	0.00
14 T	Allyl chloride	0.989	0.974	1.5	57	0.00
15 T	Acrylonitrile	0.125	0.125	0.0	58	0.00
16 T	Acetone	0.133	0.125	6.0	53	0.00
17 T	Carbon Disulfide	1.533	1.385	9.7	53	0.00
18 T	Methyl Acetate	0.457	0.454	0.7	58	0.00
19 T	Methyl tert-butyl Ether	1.226	1.268	-3.4	60	0.00
20 T	Methylene Chloride	0.665	0.615	7.5	62	0.00
21 T	trans-1,2-Dichloroethene	0.544	0.545	-0.2	58	0.00
22 T	Diisopropyl ether	1.966	1.999	-1.7	58	0.00
23 T	Vinyl Acetate	0.944	0.967	-2.4	58	0.00
24 P	1,1-Dichloroethane	1.050	1.101	-4.9	61	0.00
25 T	2-Butanone	0.169	0.165	2.4	55	0.00
26 T	2,2-Dichloropropane	0.886	0.890	-0.5	58	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.636	-2.3	59	0.00
28 T	Bromochloromethane	0.445	0.470	-5.6	60	0.00
29 T	Tetrahydrofuran	0.108	0.104	3.7	57	0.00
30 C	Chloroform	0.998	1.084	-8.6#	63	0.00
31 T	Cyclohexane	1.095	0.976	10.9	56	0.00
32 T	1,1,1-Trichloroethane	0.857	0.928	-8.3	63	0.00
33 S	1,2-Dichloroethane-d4	0.532	0.535	-0.6	62	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	57	0.00
35 S	Dibromofluoromethane	0.282	0.298	-5.7	64	0.00
36 T	1,1-Dichloropropene	0.446	0.473	-6.1	60	0.00
37 T	Ethyl Acetate	0.204	0.219	-7.4	60	0.00
38 T	Carbon Tetrachloride	0.411	0.443	-7.8	61	0.00
39 T	Methylcyclohexane	0.577	0.574	0.5	57	0.00
40 TM	Benzene	1.257	1.331	-5.9	60	0.00
41 T	Methacrylonitrile	0.138	0.141	-2.2	65	0.00
42 TM	1,2-Dichloroethane	0.356	0.408	-14.6	64	0.00
43 T	Isopropyl Acetate	0.431	0.438	-1.6	57	0.00
44 TM	Trichloroethene	0.324	0.340	-4.9	60	0.00
45 C	1,2-Dichloropropane	0.340	0.350	-2.9#	59	0.00
46 T	Dibromomethane	0.162	0.176	-8.6	61	0.00
47 T	Bromodichloromethane	0.428	0.475	-11.0	63	0.00
48 T	Methyl methacrylate	0.211	0.217	-2.8	58	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	60	0.00
50 S	Toluene-d8	1.105	1.091	1.3	59	0.00
51 T	4-Methyl-2-Pentanone	0.209	0.219	-4.8	59	0.00
52 CM	Toluene	0.793	0.839	-5.8#	60	0.00
53 T	t-1,3-Dichloropropene	0.432	0.448	-3.7	59	0.00
54 T	cis-1,3-Dichloropropene	0.509	0.526	-3.3	59	0.00
55 T	1,1,2-Trichloroethane	0.222	0.235	-5.9	60	0.00
56 T	Ethyl methacrylate	0.315	0.321	-1.9	57	0.00
57 T	1,3-Dichloropropane	0.404	0.432	-6.9	60	0.00
58 T	2-Chloroethyl Vinyl ether	0.164	0.146	11.0	50#	0.00
59 T	2-Hexanone	0.152	0.149	2.0	55	0.00
60 T	Dibromochloromethane	0.267	0.299	-12.0	62	0.00
61 T	1,2-Dibromoethane	0.216	0.228	-5.6	60	0.00
62 S	4-Bromofluorobenzene	0.398	0.384	3.5	59	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	57	0.00
64 T	Tetrachloroethene	0.292	0.311	-6.5	61	0.00
65 PM	Chlorobenzene	0.892	0.959	-7.5	60	0.00
66 T	1,1,1,2-Tetrachloroethane	0.317	0.346	-9.1	61	0.00
67 C	Ethyl Benzene	1.689	1.797	-6.4#	60	0.00
68 T	m/p-Xylenes	0.631	0.681	-7.9	62	0.00
69 T	o-Xylene	0.601	0.641	-6.7	60	0.00
70 T	Styrene	1.017	1.095	-7.7	61	0.00
71 P	Bromoform	0.165	0.176	-6.7	61	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	58	0.00
73 T	Isopropylbenzene	3.602	3.832	-6.4	61	0.00
74 T	N-amyl acetate	1.029	1.020	0.9	56	0.00
75 P	1,1,2,2-Tetrachloroethane	0.620	0.636	-2.6	58	0.00
76 T	1,2,3-Trichloropropane	0.427	0.625	-46.4#	86	-0.01
77 T	Bromobenzene	0.770	0.843	-9.5	63	0.00
78 T	n-propylbenzene	4.463	4.742	-6.3	61	0.00
79 T	2-Chlorotoluene	2.545	2.648	-4.0	60	0.00
80 T	1,3,5-Trimethylbenzene	2.966	3.172	-6.9	62	0.00
81 T	trans-1,4-Dichloro-2-butene	0.204	0.189	7.4	52	0.00
82 T	4-Chlorotoluene	2.626	2.724	-3.7	60	0.00
83 T	tert-Butylbenzene	2.555	2.697	-5.6	61	0.00
84 T	1,2,4-Trimethylbenzene	2.905	3.077	-5.9	61	0.00
85 T	sec-Butylbenzene	3.841	4.128	-7.5	62	0.00
86 T	p-Isopropyltoluene	3.084	3.387	-9.8	63	0.00
87 T	1,3-Dichlorobenzene	1.505	1.631	-8.4	62	0.00
88 T	1,4-Dichlorobenzene	1.507	1.607	-6.6	63	0.00
89 T	n-Butylbenzene	3.099	3.344	-7.9	61	0.00
90 T	Hexachloroethane	0.610	0.623	-2.1	58	0.00
91 T	1,2-Dichlorobenzene	1.304	1.398	-7.2	61	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.103	-1.0	59	0.00
93 T	1,2,4-Trichlorobenzene	0.834	0.891	-6.8	61	0.00
94 T	Hexachlorobutadiene	0.421	0.494	-17.3	65	0.00
95 T	Naphthalene	1.593	1.649	-3.5	59	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.701	0.759	-8.3	61	0.00

(#) = Out of Range

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