

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD100620\
 Data File : VD067118.D
 Acq On : 06 Oct 2020 19:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 07 01:55:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	71	0.00
2 T	Dichlorodifluoromethane	0.454	0.430	5.3	71	0.00
3 P	Chloromethane	0.398	0.344	13.6	65	0.00
4 C	Vinyl Chloride	0.399	0.344	13.8#	62	0.00
5 T	Bromomethane	0.291	0.286	1.7	73	0.00
6 T	Chloroethane	0.243	0.231	4.9	68	0.00
7 T	Trichlorofluoromethane	0.887	0.838	5.5	69	0.00
8 T	Diethyl Ether	0.220	0.222	-0.9	69	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.501	0.468	6.6	68	0.00
10 T	Methyl Iodide	0.487	0.463	4.9	65	0.00
11 T	Tert butyl alcohol	0.041	0.028	31.7#	72	0.00
12 CM	1,1-Dichloroethene	0.471	0.436	7.4#	66	0.00
13 T	Acrolein	0.032	0.031	3.1	71	0.00
14 T	Allyl chloride	0.612	0.574	6.2	64	0.00
15 T	Acrylonitrile	0.081	0.083	-2.5	71	0.00
16 T	Acetone	0.074	0.070	5.4	65	0.00
17 T	Carbon Disulfide	1.447	1.340	7.4	66	0.00
18 T	Methyl Acetate	0.185	0.187	-1.1	71	0.00
19 T	Methyl tert-butyl Ether	0.860	0.943	-9.7	72	0.00
20 T	Methylene Chloride	0.670	0.577	13.9	74	0.01
21 T	trans-1,2-Dichloroethene	0.536	0.533	0.6	70	0.00
22 T	Diisopropyl ether	1.118	1.089	2.6	65	0.00
23 T	Vinyl Acetate	0.633	0.647	-2.2	65	0.00
24 P	1,1-Dichloroethane	0.863	0.851	1.4	69	0.00
25 T	2-Butanone	0.104	0.100	3.8	68	0.00
26 T	2,2-Dichloropropane	0.828	0.739	10.7	66	0.00
27 T	cis-1,2-Dichloroethene	0.573	0.596	-4.0	72	0.00
28 T	Bromochloromethane	0.333	0.349	-4.8	69	0.00
29 T	Tetrahydrofuran	0.060	0.058	3.3	65	0.00
30 C	Chloroform	0.936	0.981	-4.8#	75	0.00
31 T	Cyclohexane	0.723	0.593	18.0	60	0.00
32 T	1,1,1-Trichloroethane	0.867	0.889	-2.5	73	0.00
33 S	1,2-Dichloroethane-d4	0.482	0.532	-10.4	75	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35 S	Dibromofluoromethane	0.327	0.347	-6.1	74	0.00
36 T	1,1-Dichloropropene	0.466	0.424	9.0	67	0.00
37 T	Ethyl Acetate	0.161	0.145	9.9	66	0.00
38 T	Carbon Tetrachloride	0.504	0.500	0.8	72	0.00
39 T	Methylcyclohexane	0.493	0.454	7.9	63	0.00
40 TM	Benzene	1.294	1.248	3.6	70	0.00
41 T	Methacrylonitrile	0.087	0.074	14.9	58	0.00
42 TM	1,2-Dichloroethane	0.362	0.372	-2.8	75	0.00
43 T	Isopropyl Acetate	0.297	0.281	5.4	67	0.00
44 TM	Trichloroethene	0.387	0.393	-1.6	75	0.00
45 C	1,2-Dichloropropane	0.304	0.291	4.3#	68	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.175	0.180	-2.9	72	0.00
47 T	Bromodichloromethane	0.454	0.475	-4.6	75	0.00
48 T	Methyl methacrylate	0.152	0.135	11.2	59	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	70	0.00
50 S	Toluene-d8	1.193	1.243	-4.2	71	0.00
51 T	4-Methyl-2-Pentanone	0.148	0.144	2.7	66	0.00
52 CM	Toluene	0.834	0.849	-1.8#	72	0.00
53 T	t-1,3-Dichloropropene	0.406	0.414	-2.0	71	0.00
54 T	cis-1,3-Dichloropropene	0.496	0.502	-1.2	72	0.00
55 T	1,1,2-Trichloroethane	0.243	0.253	-4.1	75	0.00
56 T	Ethyl methacrylate	0.251	0.276	-10.0	71	0.00
57 T	1,3-Dichloropropane	0.394	0.408	-3.6	73	0.00
58 T	2-Chloroethyl Vinyl ether	0.140	0.157	-12.1	75	0.00
59 T	2-Hexanone	0.099	0.098	1.0	67	0.00
60 T	Dibromochloromethane	0.324	0.354	-9.3	77	0.00
61 T	1,2-Dibromoethane	0.233	0.247	-6.0	74	0.00
62 S	4-Bromofluorobenzene	0.405	0.440	-8.6	75	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
64 T	Tetrachloroethene	0.364	0.360	1.1	75	0.00
65 PM	Chlorobenzene	0.994	1.008	-1.4	75	0.00
66 T	1,1,1,2-Tetrachloroethane	0.378	0.397	-5.0	78	0.00
67 C	Ethyl Benzene	1.704	1.751	-2.8#	73	0.00
68 T	m/p-Xylenes	0.664	0.670	-0.9	72	0.00
69 T	o-Xylene	0.594	0.625	-5.2	73	0.00
70 T	Styrene	1.020	1.073	-5.2	73	0.00
71 P	Bromoform	0.196	0.214	-9.2	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.395	3.400	-0.1	72	0.00
74 T	N-amyl acetate	0.610	0.577	5.4	69	0.00
75 P	1,1,2,2-Tetrachloroethane	0.572	0.552	3.5	73	0.00
76 T	1,2,3-Trichloropropane	0.436	0.363	16.7	61	0.00
77 T	Bromobenzene	0.820	0.846	-3.2	78	0.00
78 T	n-propylbenzene	4.012	3.886	3.1	70	0.00
79 T	2-Chlorotoluene	2.296	2.269	1.2	73	0.00
80 T	1,3,5-Trimethylbenzene	2.868	2.884	-0.6	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.175	0.165	5.7	70	0.00
82 T	4-Chlorotoluene	2.442	2.382	2.5	73	0.00
83 T	tert-Butylbenzene	2.415	2.410	0.2	73	0.00
84 T	1,2,4-Trimethylbenzene	2.863	2.922	-2.1	74	0.00
85 T	sec-Butylbenzene	3.402	3.309	2.7	70	0.00
86 T	p-Isopropyltoluene	3.154	3.088	2.1	71	0.00
87 T	1,3-Dichlorobenzene	1.597	1.563	2.1	75	0.00
88 T	1,4-Dichlorobenzene	1.597	1.552	2.8	75	0.00
89 T	n-Butylbenzene	2.882	2.744	4.8	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.552	0.527	4.5	72	0.00
91 T	1,2-Dichlorobenzene	1.395	1.372	1.6	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.087	5.4	71	0.00
93 T	1,2,4-Trichlorobenzene	0.902	0.927	-2.8	74	0.00
94 T	Hexachlorobutadiene	0.554	0.542	2.2	74	0.00
95 T	Naphthalene	1.505	1.651	-9.7	76	0.00
96 T	1,2,3-Trichlorobenzene	0.783	0.842	-7.5	77	0.00

(#) = Out of Range

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