

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD111120\
 Data File : VD067591.D
 Acq On : 11 Nov 2020 09:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 12 00:19:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	88	0.00
2 T	Dichlorodifluoromethane	0.457	0.394	13.8	85	0.00
3 P	Chloromethane	0.311	0.248	20.3	80	0.00
4 C	Vinyl Chloride	0.347	0.301	13.3#	81	0.00
5 T	Bromomethane	0.281	0.233	17.1	78	0.00
6 T	Chloroethane	0.214	0.182	15.0	76	-0.01
7 T	Trichlorofluoromethane	0.899	0.851	5.3	88	0.00
8 T	Diethyl Ether	0.181	0.162	10.5	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.454	0.421	7.3	85	0.00
10 T	Methyl Iodide	0.486	0.430	11.5	73	0.00
11 T	Tert butyl alcohol	0.022	0.020	9.1	96	-0.02
12 CM	1,1-Dichloroethene	0.417	0.383	8.2#	85	0.00
13 T	Acrolein	0.016	0.020	-25.0	90	-0.01
14 T	Allyl chloride	0.447	0.400	10.5	80	0.00
15 T	Acrylonitrile	0.067	0.060	10.4	81	-0.01
16 T	Acetone	0.065	0.066	-1.5	81	0.00
17 T	Carbon Disulfide	1.279	1.118	12.6	80	0.00
18 T	Methyl Acetate	0.135	0.120	11.1	88	0.00
19 T	Methyl tert-butyl Ether	0.823	0.775	5.8	83	0.00
20 T	Methylene Chloride	0.462	0.402	13.0	84	0.00
21 T	trans-1,2-Dichloroethene	0.486	0.439	9.7	83	-0.01
22 T	Diisopropyl ether	0.870	0.796	8.5	81	0.00
23 T	Vinyl Acetate	0.456	0.426	6.6	79	0.00
24 P	1,1-Dichloroethane	0.712	0.647	9.1	84	-0.01
25 T	2-Butanone	0.070	0.062	11.4	80	0.00
26 T	2,2-Dichloropropane	0.751	0.732	2.5	88	0.00
27 T	cis-1,2-Dichloroethene	0.505	0.474	6.1	84	0.00
28 T	Bromochloromethane	0.253	0.229	9.5	80	0.00
29 T	Tetrahydrofuran	0.042	0.038	9.5	79	-0.01
30 C	Chloroform	0.849	0.821	3.3#	88	0.00
31 T	Cyclohexane	0.634	0.549	13.4	81	-0.01
32 T	1,1,1-Trichloroethane	0.876	0.840	4.1	89	0.00
33 S	1,2-Dichloroethane-d4	0.437	0.377	13.7	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.301	0.292	3.0	83	0.00
36 T	1,1-Dichloropropene	0.428	0.443	-3.5	85	0.00
37 T	Ethyl Acetate	0.111	0.112	-0.9	79	0.00
38 T	Carbon Tetrachloride	0.556	0.610	-9.7	91	0.00
39 T	Methylcyclohexane	0.504	0.533	-5.8	82	0.00
40 TM	Benzene	1.159	1.207	-4.1	85	0.00
41 T	Methacrylonitrile	0.066	0.056	15.2	75	0.00
42 TM	1,2-Dichloroethane	0.358	0.372	-3.9	86	0.00
43 T	Isopropyl Acetate	0.220	0.226	-2.7	84	0.00
44 TM	Trichloroethene	0.381	0.392	-2.9	86	0.00
45 C	1,2-Dichloropropane	0.251	0.251	0.0	83	0.00

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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)
46 T	Dibromomethane	0.159	0.168	-5.7	86	0.00
47 T	Bromodichloromethane	0.433	0.463	-6.9	87	0.00
48 T	Methyl methacrylate	0.113	0.115	-1.8	79	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	84	0.00
50 S	Toluene-d8	1.059	1.020	3.7	84	0.00
51 T	4-Methyl-2-Pentanone	0.105	0.112	-6.7	84	0.00
52 CM	Toluene	0.777	0.851	-9.5#	88	0.00
53 T	t-1,3-Dichloropropene	0.371	0.394	-6.2	86	0.00
54 T	cis-1,3-Dichloropropene	0.441	0.465	-5.4	86	0.00
55 T	1,1,2-Trichloroethane	0.211	0.226	-7.1	87	0.00
56 T	Ethyl methacrylate	0.218	0.235	-7.8	85	0.00
57 T	1,3-Dichloropropane	0.339	0.357	-5.3	85	0.00
58 T	2-Chloroethyl Vinyl ether	0.102	0.109	-6.9	83	0.00
59 T	2-Hexanone	0.073	0.084	-15.1	87	0.00
60 T	Dibromochloromethane	0.312	0.338	-8.3	88	0.00
61 T	1,2-Dibromoethane	0.212	0.220	-3.8	86	0.00
62 S	4-Bromofluorobenzene	0.365	0.360	1.4	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.370	0.385	-4.1	90	0.00
65 PM	Chlorobenzene	0.963	0.988	-2.6	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.396	-4.2	90	0.00
67 C	Ethyl Benzene	1.648	1.732	-5.1#	87	0.00
68 T	m/p-Xylenes	0.641	0.680	-6.1	88	0.00
69 T	o-Xylene	0.572	0.611	-6.8	88	0.00
70 T	Styrene	0.998	1.050	-5.2	87	0.00
71 P	Bromoform	0.194	0.203	-4.6	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.231	3.454	-6.9	88	0.00
74 T	N-amyl acetate	0.425	0.432	-1.6	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.441	0.458	-3.9	91	0.00
76 T	1,2,3-Trichloropropane	0.302	0.272	9.9	83	0.00
77 T	Bromobenzene	0.794	0.826	-4.0	89	0.00
78 T	n-propylbenzene	3.696	3.926	-6.2	88	0.00
79 T	2-Chlorotoluene	2.100	2.216	-5.5	88	0.00
80 T	1,3,5-Trimethylbenzene	2.760	2.991	-8.4	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.149	0.147	1.3	90	0.00
82 T	4-Chlorotoluene	2.252	2.393	-6.3	90	0.00
83 T	tert-Butylbenzene	2.339	2.588	-10.6	90	0.00
84 T	1,2,4-Trimethylbenzene	2.748	2.960	-7.7	88	0.00
85 T	sec-Butylbenzene	3.158	3.450	-9.2	88	0.00
86 T	p-Isopropyltoluene	3.050	3.289	-7.8	89	0.00
87 T	1,3-Dichlorobenzene	1.514	1.570	-3.7	89	0.00
88 T	1,4-Dichlorobenzene	1.533	1.556	-1.5	89	0.00
89 T	n-Butylbenzene	2.634	2.940	-11.6	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.574	0.614	-7.0	91	0.00
91 T	1,2-Dichlorobenzene	1.311	1.376	-5.0	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.078	0.082	-5.1	92	0.00
93 T	1,2,4-Trichlorobenzene	0.890	0.953	-7.1	89	0.00
94 T	Hexachlorobutadiene	0.595	0.630	-5.9	91	0.00
95 T	Naphthalene	1.373	1.501	-9.3	87	0.00
96 T	1,2,3-Trichlorobenzene	0.762	0.801	-5.1	87	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5