

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD100720\
 Data File : VD067141.D
 Acq On : 07 Oct 2020 09:57
 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: Oct 08 07:35:03 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	81	0.00
2 T	Dichlorodifluoromethane	0.454	0.460	-1.3	87	0.00
3 P	Chloromethane	0.398	0.325	18.3	70	0.00
4 C	Vinyl Chloride	0.399	0.367	8.0#	76	0.00
5 T	Bromomethane	0.291	0.272	6.5	80	-0.01
6 T	Chloroethane	0.243	0.218	10.3	74	0.00
7 T	Trichlorofluoromethane	0.887	0.876	1.2	83	0.00
8 T	Diethyl Ether	0.220	0.207	5.9	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.501	0.495	1.2	82	0.00
10 T	Methyl Iodide	0.487	0.476	2.3	76	0.00
11 T	Tert butyl alcohol	0.041	0.023	43.9#	68	0.00
12 CM	1,1-Dichloroethene	0.471	0.448	4.9#	78	0.00
13 T	Acrolein	0.032	0.034	-6.3	91	0.00
14 T	Allyl chloride	0.612	0.532	13.1	68	0.00
15 T	Acrylonitrile	0.081	0.073	9.9	72	0.00
16 T	Acetone	0.074	0.083	-12.2	89	-0.01
17 T	Carbon Disulfide	1.447	1.334	7.8	76	0.00
18 T	Methyl Acetate	0.185	0.162	12.4	70	0.00
19 T	Methyl tert-butyl Ether	0.860	0.855	0.6	75	0.00
20 T	Methylene Chloride	0.670	0.502	25.1#	74	0.00
21 T	trans-1,2-Dichloroethene	0.536	0.521	2.8	78	0.00
22 T	Diisopropyl ether	1.118	0.996	10.9	68	0.00
23 T	Vinyl Acetate	0.633	0.598	5.5	69	0.00
24 P	1,1-Dichloroethane	0.863	0.793	8.1	74	0.00
25 T	2-Butanone	0.104	0.089	14.4	69	0.00
26 T	2,2-Dichloropropane	0.828	0.777	6.2	80	0.00
27 T	cis-1,2-Dichloroethene	0.573	0.553	3.5	77	0.00
28 T	Bromochloromethane	0.333	0.289	13.2	66	0.00
29 T	Tetrahydrofuran	0.060	0.052	13.3	66	0.00
30 C	Chloroform	0.936	0.903	3.5#	79	0.00
31 T	Cyclohexane	0.723	0.649	10.2	75	0.00
32 T	1,1,1-Trichloroethane	0.867	0.871	-0.5	82	0.00
33 S	1,2-Dichloroethane-d4	0.482	0.478	0.8	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.327	0.335	-2.4	77	0.00
36 T	1,1-Dichloropropene	0.466	0.455	2.4	77	0.00
37 T	Ethyl Acetate	0.161	0.140	13.0	68	-0.01
38 T	Carbon Tetrachloride	0.504	0.550	-9.1	85	0.00
39 T	Methylcyclohexane	0.493	0.507	-2.8	76	0.00
40 TM	Benzene	1.294	1.237	4.4	75	0.00
41 T	Methacrylonitrile	0.087	0.097	-11.5	81	0.00
42 TM	1,2-Dichloroethane	0.362	0.364	-0.6	79	0.00
43 T	Isopropyl Acetate	0.297	0.270	9.1	69	0.00
44 TM	Trichloroethene	0.387	0.394	-1.8	81	0.00
45 C	1,2-Dichloropropane	0.304	0.285	6.3#	72	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.175	0.173	1.1	75	0.00
47 T	Bromodichloromethane	0.454	0.457	-0.7	78	0.00
48 T	Methyl methacrylate	0.152	0.133	12.5	62	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	74	0.00
50 S	Toluene-d8	1.193	1.234	-3.4	76	0.00
51 T	4-Methyl-2-Pentanone	0.148	0.136	8.1	68	0.00
52 CM	Toluene	0.834	0.842	-1.0#	76	0.00
53 T	t-1,3-Dichloropropene	0.406	0.424	-4.4	79	0.00
54 T	cis-1,3-Dichloropropene	0.496	0.498	-0.4	77	0.00
55 T	1,1,2-Trichloroethane	0.243	0.244	-0.4	77	0.00
56 T	Ethyl methacrylate	0.251	0.271	-8.0	75	0.00
57 T	1,3-Dichloropropane	0.394	0.397	-0.8	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.140	0.143	-2.1	74	0.00
59 T	2-Hexanone	0.099	0.099	0.0	73	0.00
60 T	Dibromochloromethane	0.324	0.342	-5.6	80	0.00
61 T	1,2-Dibromoethane	0.233	0.232	0.4	75	0.00
62 S	4-Bromofluorobenzene	0.405	0.431	-6.4	79	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64 T	Tetrachloroethene	0.364	0.372	-2.2	81	0.00
65 PM	Chlorobenzene	0.994	1.024	-3.0	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.378	0.399	-5.6	82	0.00
67 C	Ethyl Benzene	1.704	1.807	-6.0#	79	0.00
68 T	m/p-Xylenes	0.664	0.694	-4.5	78	0.00
69 T	o-Xylene	0.594	0.632	-6.4	77	0.00
70 T	Styrene	1.020	1.103	-8.1	78	0.00
71 P	Bromoform	0.196	0.214	-9.2	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73 T	Isopropylbenzene	3.395	3.640	-7.2	81	0.00
74 T	N-amyl acetate	0.610	0.549	10.0	69	0.00
75 P	1,1,2,2-Tetrachloroethane	0.572	0.534	6.6	74	0.00
76 T	1,2,3-Trichloropropane	0.436	0.441	-1.1	78	0.00
77 T	Bromobenzene	0.820	0.849	-3.5	83	0.00
78 T	n-propylbenzene	4.012	4.168	-3.9	79	0.00
79 T	2-Chlorotoluene	2.296	2.312	-0.7	78	0.00
80 T	1,3,5-Trimethylbenzene	2.868	3.097	-8.0	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.175	0.176	-0.6	78	0.00
82 T	4-Chlorotoluene	2.442	2.478	-1.5	80	0.00
83 T	tert-Butylbenzene	2.415	2.676	-10.8	85	0.00
84 T	1,2,4-Trimethylbenzene	2.863	3.037	-6.1	81	0.00
85 T	sec-Butylbenzene	3.402	3.644	-7.1	81	0.00
86 T	p-Isopropyltoluene	3.154	3.330	-5.6	80	0.00
87 T	1,3-Dichlorobenzene	1.597	1.619	-1.4	82	0.00
88 T	1,4-Dichlorobenzene	1.597	1.591	0.4	81	0.00
89 T	n-Butylbenzene	2.882	3.051	-5.9	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.552	0.579	-4.9	83	0.00
91 T	1,2-Dichlorobenzene	1.395	1.413	-1.3	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.089	3.3	76	0.00
93 T	1,2,4-Trichlorobenzene	0.902	0.965	-7.0	81	0.00
94 T	Hexachlorobutadiene	0.554	0.596	-7.6	86	0.00
95 T	Naphthalene	1.505	1.646	-9.4	79	0.00
96 T	1,2,3-Trichlorobenzene	0.783	0.825	-5.4	79	0.00

(#) = Out of Range

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