

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD020320\
 Data File : VD065057.D
 Acq On : 03 Feb 2020 17:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 03 18:27:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 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	144	0.00
2 T	Dichlorodifluoromethane	0.377	0.393	-4.2	149	0.00
3 P	Chloromethane	0.552	0.425	23.0#	114	0.00
4 C	Vinyl Chloride	0.634	0.465	26.7#	108	0.00
5 T	Bromomethane	0.427	0.294	31.1#	105	0.00
6 T	Chloroethane	0.418	0.298	28.7#	105	0.00
7 T	Trichlorofluoromethane	0.979	0.774	20.9#	116	0.00
8 T	Diethyl Ether	0.221	0.224	-1.4	149	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.456	0.473	-3.7	152#	0.00
10 T	Methyl Iodide	0.484	0.724	-49.6#	201#	0.00
11 T	Tert butyl alcohol	0.027	0.025	7.4	128	0.00
12 CM	1,1-Dichloroethene	0.435	0.455	-4.6#	155#	0.00
13 T	Acrolein	0.033	0.031	6.1	141	0.00
14 T	Allyl chloride	0.694	0.710	-2.3	149	0.00
15 T	Acrylonitrile	0.096	0.114	-18.8	174#	0.00
16 T	Acetone	0.101	0.100	1.0	142	0.00
17 T	Carbon Disulfide	1.432	1.350	5.7	139	0.00
18 T	Methyl Acetate	0.225	0.220	2.2	146	0.00
19 T	Methyl tert-butyl Ether	0.972	1.007	-3.6	148	0.00
20 T	Methylene Chloride	0.556	0.500	10.1	151#	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.512	-2.2	151#	0.00
22 T	Diisopropyl ether	1.383	1.385	-0.1	144	0.00
23 T	Vinyl Acetate	0.810	0.766	5.4	133	0.00
24 P	1,1-Dichloroethane	0.849	0.851	-0.2	148	-0.01
25 T	2-Butanone	0.130	0.123	5.4	133	0.00
26 T	2,2-Dichloropropane	0.770	0.760	1.3	147	0.00
27 T	cis-1,2-Dichloroethene	0.535	0.572	-6.9	158#	0.00
28 T	Bromochloromethane	0.340	0.310	8.8	119	-0.01
29 T	Tetrahydrofuran	0.080	0.074	7.5	134	0.00
30 C	Chloroform	0.878	0.891	-1.5#	151#	0.00
31 T	Cyclohexane	0.836	3.035	-263.0#	555#	-0.02
32 T	1,1,1-Trichloroethane	0.817	0.820	-0.4	148	0.00
33 S	1,2-Dichloroethane-d4	0.480	0.406	15.4	118	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	144	0.00
35 S	Dibromofluoromethane	0.314	0.302	3.8	131	0.00
36 T	1,1-Dichloropropene	0.482	0.482	0.0	143	0.00
37 T	Ethyl Acetate	0.199	0.182	8.5	138	0.00
38 T	Carbon Tetrachloride	0.510	0.506	0.8	141	0.00
39 T	Methylcyclohexane	0.564	3.493	-519.3#	865#	0.00
40 TM	Benzene	1.328	1.349	-1.6	146	0.00
41 T	Methacrylonitrile	0.107	0.128	-19.6	150	0.00
42 TM	1,2-Dichloroethane	0.396	0.367	7.3	134	0.00
43 T	Isopropyl Acetate	0.378	0.844	-123.3#	323#	0.00
44 TM	Trichloroethene	0.372	0.409	-9.9	161#	0.00
45 C	1,2-Dichloropropane	0.322	0.356	-10.6#	162#	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.176	0.175	0.6	147	0.00
47 T	Bromodichloromethane	0.457	0.714	-56.2#	227#	0.00
48 T	Methyl methacrylate	0.174	0.130	25.3#	104	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	137	0.00
50 S	Toluene-d8	1.213	1.296	-6.8	143	0.00
51 T	4-Methyl-2-Pentanone	0.189	0.188	0.5	140	0.00
52 CM	Toluene	0.856	0.888	-3.7#	149	0.00
53 T	t-1,3-Dichloropropene	0.436	0.440	-0.9	143	0.00
54 T	cis-1,3-Dichloropropene	0.510	0.531	-4.1	148	0.00
55 T	1,1,2-Trichloroethane	0.237	0.725	-205.9#	445#	-0.02
56 T	Ethyl methacrylate	0.283	0.480	-69.6#	232#	0.00
57 T	1,3-Dichloropropane	0.406	0.406	0.0	143	0.00
58 T	2-Chloroethyl Vinyl ether	0.094	0.083	11.7	139	0.00
59 T	2-Hexanone	0.131	0.105	19.8	111	0.00
60 T	Dibromochloromethane	0.316	0.315	0.3	144	0.00
61 T	1,2-Dibromoethane	0.228	0.235	-3.1	150	0.00
62 S	4-Bromofluorobenzene	0.371	0.399	-7.5	147	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	136	0.00
64 T	Tetrachloroethene	0.361	0.429	-18.8	162#	0.00
65 PM	Chlorobenzene	1.015	1.090	-7.4	151#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.382	0.406	-6.3	147	0.00
67 C	Ethyl Benzene	1.802	3.948	-119.1#	294#	0.00
68 T	m/p-Xylenes	0.694	1.795	-158.6#	347#	0.00
69 T	o-Xylene	0.616	0.745	-20.9#	162#	0.00
70 T	Styrene	1.097	1.215	-10.8	146	0.00
71 P	Bromoform	0.212	0.214	-0.9	139	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	135	0.00
73 T	Isopropylbenzene	3.417	4.606	-34.8#	175#	0.00
74 T	N-amyl acetate	0.765	1.068	-39.6#	184#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.574	0.564	1.7	133	0.00
76 T	1,2,3-Trichloropropane	0.415	0.490	-18.1	145	0.00
77 T	Bromobenzene	0.836	0.963	-15.2	154#	0.00
78 T	n-propylbenzene	4.064	7.102	-74.8#	229#	0.00
79 T	2-Chlorotoluene	2.230	3.054	-37.0#	182#	0.00
80 T	1,3,5-Trimethylbenzene	2.801	4.839	-72.8#	228#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.194	0.194	0.0	133	0.00
82 T	4-Chlorotoluene	2.364	2.615	-10.6	148	0.00
83 T	tert-Butylbenzene	2.377	2.810	-18.2	154#	0.00
84 T	1,2,4-Trimethylbenzene	2.837	7.663	-170.1#	356#	0.00
85 T	sec-Butylbenzene	3.365	4.000	-18.9	157#	0.00
86 T	p-Isopropyltoluene	3.149	3.677	-16.8	151#	0.00
87 T	1,3-Dichlorobenzene	1.604	1.763	-9.9	149	0.00
88 T	1,4-Dichlorobenzene	1.592	1.729	-8.6	148	0.00
89 T	n-Butylbenzene	2.874	3.709	-29.1#	166#	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.607	0.741	-22.1#	162#	0.00
91 T	1,2-Dichlorobenzene	1.362	1.516	-11.3	149	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.094	-2.2	143	0.00
93 T	1,2,4-Trichlorobenzene	0.942	1.150	-22.1#	163#	0.00
94 T	Hexachlorobutadiene	0.596	0.723	-21.3#	167#	0.00
95 T	Naphthalene	1.521	4.206	-176.5#	357#	0.00
96 T	1,2,3-Trichlorobenzene	0.817	0.968	-18.5	157#	0.00

(#) = Out of Range

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