

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD021720\
 Data File : VD065192.D
 Acq On : 17 Feb 2020 10:26
 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: Feb 18 03:24:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 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	79	0.00
2 T	Dichlorodifluoromethane	0.416	0.431	-3.6	79	0.00
3 P	Chloromethane	0.490	0.518	-5.7	86	0.00
4 C	Vinyl Chloride	0.518	0.525	-1.4#	79	0.00
5 T	Bromomethane	0.336	0.308	8.3	75	0.00
6 T	Chloroethane	0.321	0.333	-3.7	81	0.00
7 T	Trichlorofluoromethane	0.754	0.772	-2.4	79	0.00
8 T	Diethyl Ether	0.216	0.224	-3.7	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.461	0.499	-8.2	84	0.00
10 T	Methyl Iodide	0.526	0.540	-2.7	77	0.00
11 T	Tert butyl alcohol	0.026	0.023	11.5	76	0.00
12 CM	1,1-Dichloroethene	0.441	0.469	-6.3#	84	0.00
13 T	Acrolein	0.032	0.032	0.0	83	0.00
14 T	Allyl chloride	0.734	0.773	-5.3	83	0.00
15 T	Acrylonitrile	0.095	0.100	-5.3	86	0.00
16 T	Acetone	0.106	0.127	-19.8	99	0.00
17 T	Carbon Disulfide	1.417	1.481	-4.5	82	0.00
18 T	Methyl Acetate	0.222	0.231	-4.1	88	0.00
19 T	Methyl tert-butyl Ether	0.976	0.987	-1.1	81	0.00
20 T	Methylene Chloride	0.537	0.511	4.8	84	0.00
21 T	trans-1,2-Dichloroethene	0.499	0.532	-6.6	85	0.00
22 T	Diisopropyl ether	1.384	1.507	-8.9	86	0.00
23 T	Vinyl Acetate	0.771	0.829	-7.5	83	0.00
24 P	1,1-Dichloroethane	0.837	0.912	-9.0	87	0.00
25 T	2-Butanone	0.127	0.143	-12.6	93	0.00
26 T	2,2-Dichloropropane	0.751	0.806	-7.3	82	0.00
27 T	cis-1,2-Dichloroethene	0.530	0.559	-5.5	83	0.00
28 T	Bromochloromethane	0.317	0.351	-10.7	90	0.00
29 T	Tetrahydrofuran	0.077	0.081	-5.2	86	0.00
30 C	Chloroform	0.834	0.910	-9.1#	86	0.00
31 T	Cyclohexane	0.845	0.857	-1.4	82	0.00
32 T	1,1,1-Trichloroethane	0.777	0.838	-7.9	85	0.00
33 S	1,2-Dichloroethane-d4	0.425	0.449	-5.6	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.279	0.330	-18.3	87	0.00
36 T	1,1-Dichloropropene	0.465	0.513	-10.3	84	0.00
37 T	Ethyl Acetate	0.190	0.198	-4.2	85	0.00
38 T	Carbon Tetrachloride	0.475	0.514	-8.2	83	0.00
39 T	Methylcyclohexane	0.574	0.623	-8.5	81	0.00
40 TM	Benzene	1.284	1.420	-10.6	86	0.00
41 T	Methacrylonitrile	0.105	0.114	-8.6	85	0.00
42 TM	1,2-Dichloroethane	0.366	0.380	-3.8	81	0.00
43 T	Isopropyl Acetate	0.363	0.366	-0.8	79	0.00
44 TM	Trichloroethene	0.369	0.395	-7.0	83	0.00
45 C	1,2-Dichloropropane	0.308	0.356	-15.6#	89	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.162	0.177	-9.3	86	0.00
47 T	Bromodichloromethane	0.426	0.482	-13.1	88	0.00
48 T	Methyl methacrylate	0.175	0.176	-0.6	80	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	84	0.00
50 S	Toluene-d8	1.110	1.275	-14.9	84	0.00
51 T	4-Methyl-2-Pentanone	0.179	0.190	-6.1	83	0.00
52 CM	Toluene	0.819	0.916	-11.8#	85	0.00
53 T	t-1,3-Dichloropropene	0.415	0.451	-8.7	84	0.00
54 T	cis-1,3-Dichloropropene	0.496	0.549	-10.7	86	0.00
55 T	1,1,2-Trichloroethane	0.222	0.249	-12.2	88	0.00
56 T	Ethyl methacrylate	0.281	0.308	-9.6	84	0.00
57 T	1,3-Dichloropropane	0.390	0.432	-10.8	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.096	0.082	14.6	59	0.00
59 T	2-Hexanone	0.127	0.153	-20.5#	93	0.00
60 T	Dibromochloromethane	0.287	0.323	-12.5	87	0.00
61 T	1,2-Dibromoethane	0.217	0.240	-10.6	87	0.00
62 S	4-Bromofluorobenzene	0.352	0.415	-17.9	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.359	0.371	-3.3	81	0.00
65 PM	Chlorobenzene	0.967	1.059	-9.5	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.357	0.393	-10.1	86	0.00
67 C	Ethyl Benzene	1.757	1.919	-9.2#	85	0.00
68 T	m/p-Xylenes	0.671	0.739	-10.1	85	0.00
69 T	o-Xylene	0.604	0.659	-9.1	84	0.00
70 T	Styrene	1.050	1.175	-11.9	86	0.00
71 P	Bromoform	0.192	0.207	-7.8	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.432	3.729	-8.7	85	0.00
74 T	N-amyl acetate	0.746	0.764	-2.4	82	0.00
75 P	1,1,2,2-Tetrachloroethane	0.540	0.593	-9.8	89	0.00
76 T	1,2,3-Trichloropropane	0.379	0.399	-5.3	83	0.00
77 T	Bromobenzene	0.827	0.889	-7.5	86	0.00
78 T	n-propylbenzene	4.019	4.491	-11.7	87	0.00
79 T	2-Chlorotoluene	2.240	2.439	-8.9	86	0.00
80 T	1,3,5-Trimethylbenzene	2.808	3.101	-10.4	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.201	-6.3	85	0.00
82 T	4-Chlorotoluene	2.353	2.553	-8.5	86	0.00
83 T	tert-Butylbenzene	2.422	2.576	-6.4	85	0.00
84 T	1,2,4-Trimethylbenzene	2.787	3.040	-9.1	86	0.00
85 T	sec-Butylbenzene	3.308	3.702	-11.9	86	0.00
86 T	p-Isopropyltoluene	3.074	3.424	-11.4	86	0.00
87 T	1,3-Dichlorobenzene	1.548	1.683	-8.7	88	0.00
88 T	1,4-Dichlorobenzene	1.541	1.654	-7.3	88	0.00
89 T	n-Butylbenzene	2.837	3.158	-11.3	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.582	0.657	-12.9	89	0.00
91 T	1,2-Dichlorobenzene	1.326	1.437	-8.4	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.087	1.1	81	0.00
93 T	1,2,4-Trichlorobenzene	0.948	0.973	-2.6	82	0.00
94 T	Hexachlorobutadiene	0.583	0.612	-5.0	84	0.00
95 T	Naphthalene	1.575	1.610	-2.2	83	0.00
96 T	1,2,3-Trichlorobenzene	0.811	0.839	-3.5	85	0.00

(#) = Out of Range

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