

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD013020\
 Data File : VD065022.D
 Acq On : 30 Jan 2020 19:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 31 02:52:04 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	91	0.00
2 T	Dichlorodifluoromethane	0.377	0.368	2.4	88	0.00
3 P	Chloromethane	0.552	0.539	2.4	92	0.00
4 C	Vinyl Chloride	0.634	0.606	4.4#	89	0.00
5 T	Bromomethane	0.427	0.409	4.2	92	0.00
6 T	Chloroethane	0.418	0.409	2.2	91	0.00
7 T	Trichlorofluoromethane	0.979	0.929	5.1	88	0.00
8 T	Diethyl Ether	0.221	0.230	-4.1	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.456	0.450	1.3	92	0.00
10 T	Methyl Iodide	0.484	0.508	-5.0	89	0.00
11 T	Tert butyl alcohol	0.027	0.027	0.0	87	0.00
12 CM	1,1-Dichloroethene	0.435	0.427	1.8#	92	0.00
13 T	Acrolein	0.033	0.034	-3.0	97	0.00
14 T	Allyl chloride	0.694	0.717	-3.3	95	0.00
15 T	Acrylonitrile	0.096	0.106	-10.4	103	0.00
16 T	Acetone	0.101	0.119	-17.8	107	0.00
17 T	Carbon Disulfide	1.432	1.390	2.9	91	0.00
18 T	Methyl Acetate	0.225	0.248	-10.2	104	0.00
19 T	Methyl tert-butyl Ether	0.972	1.070	-10.1	100	0.00
20 T	Methylene Chloride	0.556	0.525	5.6	101	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.517	-3.2	96	0.00
22 T	Diisopropyl ether	1.383	1.545	-11.7	102	0.00
23 T	Vinyl Acetate	0.810	0.858	-5.9	94	0.00
24 P	1,1-Dichloroethane	0.849	0.903	-6.4	99	0.00
25 T	2-Butanone	0.130	0.147	-13.1	101	0.00
26 T	2,2-Dichloropropane	0.770	0.765	0.6	93	0.00
27 T	cis-1,2-Dichloroethene	0.535	0.575	-7.5	101	0.00
28 T	Bromochloromethane	0.340	0.414	-21.8#	100	0.00
29 T	Tetrahydrofuran	0.080	0.088	-10.0	100	0.00
30 C	Chloroform	0.878	0.943	-7.4#	101	0.00
31 T	Cyclohexane	0.836	0.780	6.7	90	0.00
32 T	1,1,1-Trichloroethane	0.817	0.833	-2.0	95	0.00
33 S	1,2-Dichloroethane-d4	0.480	0.495	-3.1	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.314	0.323	-2.9	92	0.00
36 T	1,1-Dichloropropene	0.482	0.480	0.4	93	0.00
37 T	Ethyl Acetate	0.199	0.209	-5.0	104	0.00
38 T	Carbon Tetrachloride	0.510	0.502	1.6	92	0.00
39 T	Methylcyclohexane	0.564	0.539	4.4	88	0.00
40 TM	Benzene	1.328	1.374	-3.5	98	0.00
41 T	Methacrylonitrile	0.107	0.112	-4.7	86	-0.01
42 TM	1,2-Dichloroethane	0.396	0.417	-5.3	100	0.00
43 T	Isopropyl Acetate	0.378	0.401	-6.1	101	0.00
44 TM	Trichloroethene	0.372	0.374	-0.5	97	0.00
45 C	1,2-Dichloropropane	0.322	0.341	-5.9#	102	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.176	0.186	-5.7	103	0.00
47 T	Bromodichloromethane	0.457	0.497	-8.8	104	0.00
48 T	Methyl methacrylate	0.174	0.186	-6.9	98	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	90	0.00
50 S	Toluene-d8	1.213	1.212	0.1	88	0.00
51 T	4-Methyl-2-Pentanone	0.189	0.209	-10.6	102	0.00
52 CM	Toluene	0.856	0.882	-3.0#	97	0.00
53 T	t-1,3-Dichloropropene	0.436	0.468	-7.3	100	0.00
54 T	cis-1,3-Dichloropropene	0.510	0.556	-9.0	102	0.00
55 T	1,1,2-Trichloroethane	0.237	0.252	-6.3	102	0.00
56 T	Ethyl methacrylate	0.283	0.321	-13.4	102	0.00
57 T	1,3-Dichloropropane	0.406	0.442	-8.9	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.094	0.101	-7.4	111	0.00
59 T	2-Hexanone	0.131	0.153	-16.8	106	0.00
60 T	Dibromochloromethane	0.316	0.342	-8.2	103	0.00
61 T	1,2-Dibromoethane	0.228	0.244	-7.0	102	0.00
62 S	4-Bromofluorobenzene	0.371	0.391	-5.4	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.361	0.411	-13.9	110	0.00
65 PM	Chlorobenzene	1.015	1.022	-0.7	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.382	0.392	-2.6	101	0.00
67 C	Ethyl Benzene	1.802	1.853	-2.8#	98	0.00
68 T	m/p-Xylenes	0.694	0.717	-3.3	99	0.00
69 T	o-Xylene	0.616	0.636	-3.2	99	0.00
70 T	Styrene	1.097	1.154	-5.2	98	0.00
71 P	Bromoform	0.212	0.216	-1.9	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.417	3.397	0.6	96	0.00
74 T	N-amyl acetate	0.765	0.791	-3.4	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.574	0.582	-1.4	102	0.00
76 T	1,2,3-Trichloropropane	0.415	0.417	-0.5	92	0.00
77 T	Bromobenzene	0.836	0.848	-1.4	101	0.00
78 T	n-propylbenzene	4.064	4.055	0.2	97	0.00
79 T	2-Chlorotoluene	2.230	2.226	0.2	99	0.00
80 T	1,3,5-Trimethylbenzene	2.801	2.870	-2.5	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.194	0.189	2.6	97	0.00
82 T	4-Chlorotoluene	2.364	2.385	-0.9	101	0.00
83 T	tert-Butylbenzene	2.377	2.426	-2.1	99	0.00
84 T	1,2,4-Trimethylbenzene	2.837	2.866	-1.0	99	0.00
85 T	sec-Butylbenzene	3.365	3.296	2.1	96	0.00
86 T	p-Isopropyltoluene	3.149	3.167	-0.6	97	0.00
87 T	1,3-Dichlorobenzene	1.604	1.597	0.4	100	0.00
88 T	1,4-Dichlorobenzene	1.592	1.597	-0.3	102	0.00
89 T	n-Butylbenzene	2.874	2.861	0.5	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.607	0.603	0.7	98	0.00
91 T	1,2-Dichlorobenzene	1.362	1.376	-1.0	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.091	1.1	103	0.00
93 T	1,2,4-Trichlorobenzene	0.942	0.945	-0.3	100	0.00
94 T	Hexachlorobutadiene	0.596	0.558	6.4	96	0.00
95 T	Naphthalene	1.521	1.616	-6.2	102	0.00
96 T	1,2,3-Trichlorobenzene	0.817	0.836	-2.3	101	0.00

(#) = Out of Range

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