

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052620\
 Data File : VD065765.D
 Acq On : 26 May 2020 16:39
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 27 08:26:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 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	66	0.00
2 T	Dichlorodifluoromethane	0.328	0.332	-1.2	68	0.00
3 P	Chloromethane	0.470	0.533	-13.4	79	0.00
4 C	Vinyl Chloride	0.509	0.628	-23.4#	85	0.00
5 T	Bromomethane	0.336	0.405	-20.5#	86	0.00
6 T	Chloroethane	0.330	0.428	-29.7#	88	0.00
7 T	Trichlorofluoromethane	0.704	0.768	-9.1	74	0.00
8 T	Diethyl Ether	0.202	0.218	-7.9	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.433	0.454	-4.8	72	0.00
10 T	Methyl Iodide	0.452	0.490	-8.4	70	0.00
11 T	Tert butyl alcohol	0.047	0.029	38.3#	63	0.00
12 CM	1,1-Dichloroethene	0.410	0.426	-3.9#	70	0.00
13 T	Acrolein	0.026	0.027	-3.8	85	0.00
14 T	Allyl chloride	0.709	0.748	-5.5	72	0.00
15 T	Acrylonitrile	0.089	0.100	-12.4	77	0.00
16 T	Acetone	0.083	0.085	-2.4	70	0.00
17 T	Carbon Disulfide	1.296	1.319	-1.8	70	0.00
18 T	Methyl Acetate	0.214	0.209	2.3	75	0.00
19 T	Methyl tert-butyl Ether	0.957	1.030	-7.6	74	0.00
20 T	Methylene Chloride	0.466	0.499	-7.1	78	0.00
21 T	trans-1,2-Dichloroethene	0.472	0.507	-7.4	74	0.00
22 T	Diisopropyl ether	1.351	1.524	-12.8	77	0.00
23 T	Vinyl Acetate	0.794	0.883	-11.2	75	0.00
24 P	1,1-Dichloroethane	0.791	0.899	-13.7	78	0.00
25 T	2-Butanone	0.118	0.124	-5.1	73	0.00
26 T	2,2-Dichloropropane	0.734	0.789	-7.5	74	0.00
27 T	cis-1,2-Dichloroethene	0.518	0.565	-9.1	76	0.00
28 T	Bromochloromethane	0.325	0.388	-19.4	77	0.00
29 T	Tetrahydrofuran	0.075	0.081	-8.0	75	0.00
30 C	Chloroform	0.799	0.925	-15.8#	80	0.00
31 T	Cyclohexane	0.800	0.791	1.1	72	0.00
32 T	1,1,1-Trichloroethane	0.749	0.837	-11.7	76	0.00
33 S	1,2-Dichloroethane-d4	0.403	0.459	-13.9	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35 S	Dibromofluoromethane	0.283	0.302	-6.7	75	0.00
36 T	1,1-Dichloropropene	0.434	0.452	-4.1	75	0.00
37 T	Ethyl Acetate	0.186	0.180	3.2	73	0.00
38 T	Carbon Tetrachloride	0.461	0.479	-3.9	76	0.00
39 T	Methylcyclohexane	0.556	0.541	2.7	74	0.00
40 TM	Benzene	1.194	1.264	-5.9	77	0.00
41 T	Methacrylonitrile	0.102	0.104	-2.0	76	0.00
42 TM	1,2-Dichloroethane	0.332	0.370	-11.4	80	0.00
43 T	Isopropyl Acetate	0.369	0.378	-2.4	76	0.00
44 TM	Trichloroethene	0.357	0.356	0.3	72	0.00
45 C	1,2-Dichloropropane	0.294	0.315	-7.1#	78	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.159	0.173	-8.8	80	0.00
47 T	Bromodichloromethane	0.416	0.450	-8.2	79	0.00
48 T	Methyl methacrylate	0.173	0.171	1.2	69	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	74	0.00
50 S	Toluene-d8	1.078	1.113	-3.2	74	0.00
51 T	4-Methyl-2-Pentanone	0.176	0.184	-4.5	75	0.00
52 CM	Toluene	0.782	0.823	-5.2#	76	0.00
53 T	t-1,3-Dichloropropene	0.406	0.428	-5.4	76	0.00
54 T	cis-1,3-Dichloropropene	0.483	0.508	-5.2	75	0.00
55 T	1,1,2-Trichloroethane	0.216	0.231	-6.9	79	0.00
56 T	Ethyl methacrylate	0.282	0.287	-1.8	73	0.00
57 T	1,3-Dichloropropane	0.376	0.398	-5.9	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.131	0.143	-9.2	74	0.00
59 T	2-Hexanone	0.120	0.125	-4.2	76	0.00
60 T	Dibromochloromethane	0.290	0.314	-8.3	77	0.00
61 T	1,2-Dibromoethane	0.216	0.225	-4.2	76	0.00
62 S	4-Bromofluorobenzene	0.365	0.380	-4.1	76	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
64 T	Tetrachloroethene	0.346	0.330	4.6	74	0.00
65 PM	Chlorobenzene	0.942	0.959	-1.8	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.353	0.362	-2.5	78	0.00
67 C	Ethyl Benzene	1.680	1.722	-2.5#	78	0.00
68 T	m/p-Xylenes	0.642	0.663	-3.3	79	0.00
69 T	o-Xylene	0.597	0.611	-2.3	77	0.00
70 T	Styrene	1.019	1.059	-3.9	79	0.00
71 P	Bromoform	0.195	0.195	0.0	74	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.357	3.312	1.3	79	0.00
74 T	N-amyl acetate	0.779	0.733	5.9	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.531	0.541	-1.9	80	0.00
76 T	1,2,3-Trichloropropane	0.373	0.333	10.7	65	0.00
77 T	Bromobenzene	0.809	0.811	-0.2	79	0.00
78 T	n-propylbenzene	3.921	3.932	-0.3	80	0.00
79 T	2-Chlorotoluene	2.170	2.185	-0.7	80	0.00
80 T	1,3,5-Trimethylbenzene	2.766	2.741	0.9	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.190	0.179	5.8	73	0.00
82 T	4-Chlorotoluene	2.287	2.296	-0.4	80	0.00
83 T	tert-Butylbenzene	2.453	2.418	1.4	79	0.00
84 T	1,2,4-Trimethylbenzene	2.728	2.767	-1.4	81	0.00
85 T	sec-Butylbenzene	3.337	3.318	0.6	81	0.00
86 T	p-Isopropyltoluene	3.067	3.052	0.5	80	0.00
87 T	1,3-Dichlorobenzene	1.518	1.516	0.1	80	0.00
88 T	1,4-Dichlorobenzene	1.512	1.493	1.3	79	0.00
89 T	n-Butylbenzene	2.868	2.898	-1.0	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.600	0.583	2.8	78	0.00
91 T	1,2-Dichlorobenzene	1.313	1.324	-0.8	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.089	0.086	3.4	80	0.00
93 T	1,2,4-Trichlorobenzene	0.999	0.934	6.5	75	0.00
94 T	Hexachlorobutadiene	0.599	0.551	8.0	75	0.00
95 T	Naphthalene	1.661	1.574	5.2	75	0.00
96 T	1,2,3-Trichlorobenzene	0.851	0.804	5.5	76	0.00

(#) = Out of Range

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