

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD010920\
 Data File : VD064829.D
 Acq On : 09 Jan 2020 21:16
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 10 06:13:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 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	85	0.00
2 T	Dichlorodifluoromethane	0.389	0.369	5.1	80	0.00
3 P	Chloromethane	0.543	0.571	-5.2	89	0.00
4 C	Vinyl Chloride	0.663	0.680	-2.6#	89	0.00
5 T	Bromomethane	0.482	0.481	0.2	88	0.00
6 T	Chloroethane	0.444	0.484	-9.0	90	0.00
7 T	Trichlorofluoromethane	1.116	1.140	-2.2	86	0.00
8 T	Diethyl Ether	0.222	0.254	-14.4	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.462	0.499	-8.0	90	0.00
10 T	Methyl Iodide	0.496	0.555	-11.9	85	0.00
11 T	Tert butyl alcohol	0.025	0.030	-20.0	93	0.00
12 CM	1,1-Dichloroethene	0.440	0.449	-2.0#	86	0.00
13 T	Acrolein	0.035	0.033	5.7	76	0.00
14 T	Allyl chloride	0.686	0.778	-13.4	95	0.00
15 T	Acrylonitrile	0.092	0.115	-25.0#	102	0.00
16 T	Acetone	0.091	0.118	-29.7#	109	0.00
17 T	Carbon Disulfide	1.422	1.378	3.1	82	0.00
18 T	Methyl Acetate	0.248	0.303	-22.2#	104	0.00
19 T	Methyl tert-butyl Ether	0.977	1.218	-24.7#	102	0.00
20 T	Methylene Chloride	0.524	0.562	-7.3	99	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.547	-9.2	93	0.00
22 T	Diisopropyl ether	1.368	1.701	-24.3#	103	0.00
23 T	Vinyl Acetate	0.776	0.972	-25.3#	99	0.00
24 P	1,1-Dichloroethane	0.821	0.977	-19.0	100	0.00
25 T	2-Butanone	0.121	0.153	-26.4#	103	0.00
26 T	2,2-Dichloropropane	0.764	0.828	-8.4	92	0.00
27 T	cis-1,2-Dichloroethene	0.541	0.621	-14.8	96	0.00
28 T	Bromochloromethane	0.319	0.401	-25.7#	98	0.00
29 T	Tetrahydrofuran	0.075	0.095	-26.7#	103	0.00
30 C	Chloroform	0.862	1.044	-21.1#	102	0.00
31 T	Cyclohexane	0.822	0.817	0.6	88	0.00
32 T	1,1,1-Trichloroethane	0.809	0.916	-13.2	96	0.00
33 S	1,2-Dichloroethane-d4	0.441	0.545	-23.6#	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.307	0.354	-15.3	97	0.00
36 T	1,1-Dichloropropene	0.481	0.518	-7.7	93	0.00
37 T	Ethyl Acetate	0.189	0.228	-20.6#	100	0.00
38 T	Carbon Tetrachloride	0.513	0.566	-10.3	94	0.00
39 T	Methylcyclohexane	0.583	0.579	0.7	84	0.00
40 TM	Benzene	1.314	1.492	-13.5	99	0.00
41 T	Methacrylonitrile	0.110	0.132	-20.0#	95	0.00
42 TM	1,2-Dichloroethane	0.380	0.454	-19.5	103	0.00
43 T	Isopropyl Acetate	0.376	0.446	-18.6	100	0.00
44 TM	Trichloroethene	0.386	0.415	-7.5	93	0.00
45 C	1,2-Dichloropropane	0.314	0.377	-20.1#	104	0.00

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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)
46 T	Dibromomethane	0.175	0.208	-18.9	101	0.00
47 T	Bromodichloromethane	0.465	0.550	-18.3	101	0.00
48 T	Methyl methacrylate	0.177	0.208	-17.5	94	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	105	0.00
50 S	Toluene-d8	1.175	1.318	-12.2	95	0.00
51 T	4-Methyl-2-Pentanone	0.186	0.233	-25.3#	106	0.00
52 CM	Toluene	0.862	0.966	-12.1#	96	0.00
53 T	t-1,3-Dichloropropene	0.434	0.520	-19.8	101	0.00
54 T	cis-1,3-Dichloropropene	0.512	0.604	-18.0	100	0.00
55 T	1,1,2-Trichloroethane	0.236	0.274	-16.1	100	0.00
56 T	Ethyl methacrylate	0.294	0.357	-21.4#	102	0.00
57 T	1,3-Dichloropropane	0.406	0.486	-19.7	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.123	-9.8	99	0.00
59 T	2-Hexanone	0.126	0.160	-27.0#	104	0.00
60 T	Dibromochloromethane	0.326	0.382	-17.2	100	0.00
61 T	1,2-Dibromoethane	0.232	0.272	-17.2	100	0.00
62 S	4-Bromofluorobenzene	0.372	0.425	-14.2	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.384	0.426	-10.9	100	0.00
65 PM	Chlorobenzene	1.038	1.158	-11.6	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.457	-16.9	103	0.00
67 C	Ethyl Benzene	1.884	2.074	-10.1#	97	0.00
68 T	m/p-Xylenes	0.727	0.812	-11.7	97	0.00
69 T	o-Xylene	0.657	0.740	-12.6	99	0.00
70 T	Styrene	1.153	1.331	-15.4	101	0.00
71 P	Bromoform	0.223	0.259	-16.1	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.573	3.876	-8.5	95	0.00
74 T	N-amyl acetate	0.764	0.910	-19.1	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.561	0.660	-17.6	104	0.00
76 T	1,2,3-Trichloropropane	0.395	0.398	-0.8	104	0.00
77 T	Bromobenzene	0.878	0.970	-10.5	98	0.00
78 T	n-propylbenzene	4.168	4.545	-9.0	96	0.00
79 T	2-Chlorotoluene	2.290	2.514	-9.8	98	0.00
80 T	1,3,5-Trimethylbenzene	2.935	3.204	-9.2	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.221	-16.9	104	0.00
82 T	4-Chlorotoluene	2.437	2.705	-11.0	99	0.00
83 T	tert-Butylbenzene	2.548	2.772	-8.8	95	0.00
84 T	1,2,4-Trimethylbenzene	2.923	3.267	-11.8	98	0.00
85 T	sec-Butylbenzene	3.494	3.780	-8.2	95	0.00
86 T	p-Isopropyltoluene	3.341	3.644	-9.1	95	0.00
87 T	1,3-Dichlorobenzene	1.674	1.876	-12.1	100	0.00
88 T	1,4-Dichlorobenzene	1.644	1.828	-11.2	98	0.00
89 T	n-Butylbenzene	3.008	3.242	-7.8	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.638	0.683	-7.1	95	0.00
91 T	1,2-Dichlorobenzene	1.427	1.611	-12.9	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.104	-14.3	104	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.104	-5.0	92	0.00
94 T	Hexachlorobutadiene	0.661	0.657	0.6	89	0.00
95 T	Naphthalene	1.662	1.892	-13.8	97	0.00
96 T	1,2,3-Trichlorobenzene	0.897	0.974	-8.6	95	0.00

(#) = Out of Range

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