

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD122319\
 Data File : VD064579.D
 Acq On : 23 Dec 2019 20:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 24 06:34:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 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	79	0.00
2 T	Dichlorodifluoromethane	0.453	0.384	15.2	70	0.00
3 P	Chloromethane	0.571	0.558	2.3	80	0.00
4 C	Vinyl Chloride	0.660	0.655	0.8#	79	0.00
5 T	Bromomethane	0.488	0.485	0.6	83	0.00
6 T	Chloroethane	0.441	0.461	-4.5	83	0.00
7 T	Trichlorofluoromethane	1.097	1.105	-0.7	80	0.00
8 T	Diethyl Ether	0.228	0.239	-4.8	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.470	0.454	3.4	77	0.00
10 T	Methyl Iodide	0.497	0.547	-10.1	77	0.00
11 T	Tert butyl alcohol	0.029	0.027	6.9	72	-0.01
12 CM	1,1-Dichloroethene	0.451	0.443	1.8#	78	0.00
13 T	Acrolein	0.039	0.037	5.1	77	0.00
14 T	Allyl chloride	0.703	0.721	-2.6	80	0.00
15 T	Acrylonitrile	0.100	0.101	-1.0	80	0.00
16 T	Acetone	0.091	0.077	15.4	62	0.00
17 T	Carbon Disulfide	1.427	1.453	-1.8	79	0.00
18 T	Methyl Acetate	0.267	0.252	5.6	77	0.00
19 T	Methyl tert-butyl Ether	1.034	1.064	-2.9	79	0.00
20 T	Methylene Chloride	0.526	0.518	1.5	83	0.00
21 T	trans-1,2-Dichloroethene	0.510	0.521	-2.2	80	0.00
22 T	Diisopropyl ether	1.388	1.484	-6.9	83	0.00
23 T	Vinyl Acetate	0.819	0.861	-5.1	79	0.00
24 P	1,1-Dichloroethane	0.835	0.890	-6.6	83	0.00
25 T	2-Butanone	0.129	0.122	5.4	72	0.00
26 T	2,2-Dichloropropane	0.726	0.734	-1.1	79	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.579	-4.1	81	0.00
28 T	Bromochloromethane	0.285	0.349	-22.5#	90	0.00
29 T	Tetrahydrofuran	0.082	0.080	2.4	77	0.00
30 C	Chloroform	0.865	0.945	-9.2#	85	0.00
31 T	Cyclohexane	0.818	0.771	5.7	78	0.00
32 T	1,1,1-Trichloroethane	0.802	0.830	-3.5	81	0.00
33 S	1,2-Dichloroethane-d4	0.453	0.505	-11.5	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.315	0.332	-5.4	87	0.00
36 T	1,1-Dichloropropene	0.473	0.464	1.9	82	0.00
37 T	Ethyl Acetate	0.201	0.202	-0.5	82	0.00
38 T	Carbon Tetrachloride	0.499	0.505	-1.2	81	0.00
39 T	Methylcyclohexane	0.587	0.552	6.0	76	0.00
40 TM	Benzene	1.314	1.342	-2.1	83	0.00
41 T	Methacrylonitrile	0.115	0.109	5.2	67	0.00
42 TM	1,2-Dichloroethane	0.383	0.388	-1.3	83	0.00
43 T	Isopropyl Acetate	0.395	0.385	2.5	78	0.00
44 TM	Trichloroethene	0.396	0.382	3.5	80	0.00
45 C	1,2-Dichloropropane	0.314	0.325	-3.5#	82	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.177	0.183	-3.4	83	0.00
47 T	Bromodichloromethane	0.456	0.479	-5.0	83	0.00
48 T	Methyl methacrylate	0.181	0.176	2.8	78	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	80	0.00
50 S	Toluene-d8	1.187	1.265	-6.6	89	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.188	3.6	78	0.00
52 CM	Toluene	0.856	0.873	-2.0#	84	0.00
53 T	t-1,3-Dichloropropene	0.434	0.447	-3.0	81	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.533	-3.3	82	0.00
55 T	1,1,2-Trichloroethane	0.243	0.239	1.6	81	0.00
56 T	Ethyl methacrylate	0.310	0.311	-0.3	79	0.00
57 T	1,3-Dichloropropane	0.413	0.418	-1.2	82	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.101	17.9	70	0.00
59 T	2-Hexanone	0.135	0.126	6.7	74	0.00
60 T	Dibromochloromethane	0.329	0.329	0.0	81	0.00
61 T	1,2-Dibromoethane	0.242	0.235	2.9	79	0.00
62 S	4-Bromofluorobenzene	0.381	0.400	-5.0	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.381	0.366	3.9	78	0.00
65 PM	Chlorobenzene	1.043	1.064	-2.0	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.401	-3.9	84	0.00
67 C	Ethyl Benzene	1.855	1.899	-2.4#	84	0.00
68 T	m/p-Xylenes	0.707	0.731	-3.4	84	0.00
69 T	o-Xylene	0.653	0.676	-3.5	84	0.00
70 T	Styrene	1.135	1.196	-5.4	86	0.00
71 P	Bromoform	0.231	0.230	0.4	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.596	3.491	2.9	82	0.00
74 T	N-amyl acetate	0.816	0.783	4.0	79	0.00
75 P	1,1,2,2-Tetrachloroethane	0.595	0.563	5.4	79	0.00
76 T	1,2,3-Trichloropropane	0.411	0.339	17.5	73	0.00
77 T	Bromobenzene	0.888	0.870	2.0	82	0.00
78 T	n-propylbenzene	4.149	4.074	1.8	83	0.00
79 T	2-Chlorotoluene	2.283	2.242	1.8	83	0.00
80 T	1,3,5-Trimethylbenzene	2.939	2.919	0.7	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.184	2.6	82	0.00
82 T	4-Chlorotoluene	2.417	2.400	0.7	85	0.00
83 T	tert-Butylbenzene	2.555	2.513	1.6	83	0.00
84 T	1,2,4-Trimethylbenzene	2.955	2.913	1.4	84	0.00
85 T	sec-Butylbenzene	3.506	3.381	3.6	81	0.00
86 T	p-Isopropyltoluene	3.310	3.287	0.7	84	0.00
87 T	1,3-Dichlorobenzene	1.685	1.680	0.3	85	0.00
88 T	1,4-Dichlorobenzene	1.664	1.648	1.0	84	0.00
89 T	n-Butylbenzene	3.006	2.898	3.6	81	0.00

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90 T	Hexachloroethane	0.619	0.603	2.6	82	0.00
91 T	1,2-Dichlorobenzene	1.440	1.420	1.4	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.089	11.0	81	0.00
93 T	1,2,4-Trichlorobenzene	1.103	1.046	5.2	80	0.00
94 T	Hexachlorobutadiene	0.681	0.618	9.3	75	0.00
95 T	Naphthalene	1.841	1.662	9.7	76	0.00
96 T	1,2,3-Trichlorobenzene	0.942	0.885	6.1	78	0.00

(#) = Out of Range

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