

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD121719\
 Data File : VD064536.D
 Acq On : 17 Dec 2019 10:36
 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: Dec 18 02:52:55 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	83	0.00
2 T	Dichlorodifluoromethane	0.453	0.412	9.1	79	0.00
3 P	Chloromethane	0.571	0.527	7.7	80	0.00
4 C	Vinyl Chloride	0.660	0.651	1.4#	82	0.00
5 T	Bromomethane	0.488	0.432	11.5	78	0.00
6 T	Chloroethane	0.441	0.437	0.9	83	0.00
7 T	Trichlorofluoromethane	1.097	1.144	-4.3	87	0.00
8 T	Diethyl Ether	0.228	0.216	5.3	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.470	0.483	-2.8	87	0.00
10 T	Methyl Iodide	0.497	0.505	-1.6	75	0.00
11 T	Tert butyl alcohol	0.029	0.023	20.7#	65	0.00
12 CM	1,1-Dichloroethene	0.451	0.452	-0.2#	84	0.00
13 T	Acrolein	0.039	0.035	10.3	77	0.00
14 T	Allyl chloride	0.703	0.703	0.0	82	0.00
15 T	Acrylonitrile	0.100	0.090	10.0	76	0.00
16 T	Acetone	0.091	0.106	-16.5	90	0.00
17 T	Carbon Disulfide	1.427	1.349	5.5	77	0.00
18 T	Methyl Acetate	0.267	0.237	11.2	76	0.00
19 T	Methyl tert-butyl Ether	1.034	0.973	5.9	76	0.00
20 T	Methylene Chloride	0.526	0.463	12.0	78	0.00
21 T	trans-1,2-Dichloroethene	0.510	0.508	0.4	82	0.00
22 T	Diisopropyl ether	1.388	1.390	-0.1	82	0.00
23 T	Vinyl Acetate	0.819	0.790	3.5	77	0.00
24 P	1,1-Dichloroethane	0.835	0.851	-1.9	83	0.00
25 T	2-Butanone	0.129	0.121	6.2	76	0.00
26 T	2,2-Dichloropropane	0.726	0.791	-9.0	90	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.559	-0.5	83	0.00
28 T	Bromochloromethane	0.285	0.307	-7.7	83	0.00
29 T	Tetrahydrofuran	0.082	0.070	14.6	72	0.00
30 C	Chloroform	0.865	0.891	-3.0#	84	0.00
31 T	Cyclohexane	0.818	0.774	5.4	83	0.00
32 T	1,1,1-Trichloroethane	0.802	0.839	-4.6	86	0.00
33 S	1,2-Dichloroethane-d4	0.453	0.465	-2.6	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.315	0.346	-9.8	90	0.00
36 T	1,1-Dichloropropene	0.473	0.489	-3.4	86	0.00
37 T	Ethyl Acetate	0.201	0.183	9.0	74	0.00
38 T	Carbon Tetrachloride	0.499	0.538	-7.8	86	0.00
39 T	Methylcyclohexane	0.587	0.594	-1.2	81	0.00
40 TM	Benzene	1.314	1.340	-2.0	82	0.00
41 T	Methacrylonitrile	0.115	0.129	-12.2	79	0.00
42 TM	1,2-Dichloroethane	0.383	0.378	1.3	80	0.00
43 T	Isopropyl Acetate	0.395	0.372	5.8	75	0.00
44 TM	Trichloroethene	0.396	0.399	-0.8	84	0.00
45 C	1,2-Dichloropropane	0.314	0.323	-2.9#	81	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.177	0.174	1.7	78	0.00
47 T	Bromodichloromethane	0.456	0.474	-3.9	82	0.00
48 T	Methyl methacrylate	0.181	0.167	7.7	74	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	74	0.00
50 S	Toluene-d8	1.187	1.284	-8.2	90	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.180	7.7	74	0.00
52 CM	Toluene	0.856	0.878	-2.6#	84	0.00
53 T	t-1,3-Dichloropropene	0.434	0.441	-1.6	80	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.535	-3.7	82	0.00
55 T	1,1,2-Trichloroethane	0.243	0.235	3.3	79	0.00
56 T	Ethyl methacrylate	0.310	0.292	5.8	74	0.00
57 T	1,3-Dichloropropane	0.413	0.404	2.2	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.105	14.6	73	0.00
59 T	2-Hexanone	0.135	0.133	1.5	78	0.00
60 T	Dibromochloromethane	0.329	0.327	0.6	80	0.00
61 T	1,2-Dibromoethane	0.242	0.230	5.0	77	0.00
62 S	4-Bromofluorobenzene	0.381	0.398	-4.5	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.381	0.395	-3.7	84	0.00
65 PM	Chlorobenzene	1.043	1.051	-0.8	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.399	-3.4	83	0.00
67 C	Ethyl Benzene	1.855	1.915	-3.2#	84	0.00
68 T	m/p-Xylenes	0.707	0.737	-4.2	84	0.00
69 T	o-Xylene	0.653	0.673	-3.1	83	0.00
70 T	Styrene	1.135	1.154	-1.7	82	0.00
71 P	Bromoform	0.231	0.224	3.0	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.596	3.784	-5.2	85	0.00
74 T	N-amyl acetate	0.816	0.788	3.4	76	0.00
75 P	1,1,2,2-Tetrachloroethane	0.595	0.565	5.0	76	0.00
76 T	1,2,3-Trichloropropane	0.411	0.435	-5.8	90	0.00
77 T	Bromobenzene	0.888	0.903	-1.7	81	0.00
78 T	n-propylbenzene	4.149	4.359	-5.1	85	0.00
79 T	2-Chlorotoluene	2.283	2.358	-3.3	83	0.00
80 T	1,3,5-Trimethylbenzene	2.939	3.017	-2.7	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.190	-0.5	80	0.00
82 T	4-Chlorotoluene	2.417	2.465	-2.0	83	0.00
83 T	tert-Butylbenzene	2.555	2.666	-4.3	84	0.00
84 T	1,2,4-Trimethylbenzene	2.955	3.015	-2.0	83	0.00
85 T	sec-Butylbenzene	3.506	3.643	-3.9	83	0.00
86 T	p-Isopropyltoluene	3.310	3.441	-4.0	84	0.00
87 T	1,3-Dichlorobenzene	1.685	1.702	-1.0	82	0.00
88 T	1,4-Dichlorobenzene	1.664	1.648	1.0	80	0.00
89 T	n-Butylbenzene	3.006	3.134	-4.3	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.619	0.661	-6.8	86	0.00
91 T	1,2-Dichlorobenzene	1.440	1.443	-0.2	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.085	15.0	73	0.00
93 T	1,2,4-Trichlorobenzene	1.103	1.071	2.9	78	0.00
94 T	Hexachlorobutadiene	0.681	0.688	-1.0	80	0.00
95 T	Naphthalene	1.841	1.707	7.3	74	0.00
96 T	1,2,3-Trichlorobenzene	0.942	0.899	4.6	76	0.00

(#) = Out of Range

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