

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD101119\
 Data File : VD063948.D
 Acq On : 11 Oct 2019 20:26
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 12 03:23:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 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	76	0.00
2 T	Dichlorodifluoromethane	0.355	0.322	9.3	78	0.00
3 P	Chloromethane	1.086	1.111	-2.3	85	0.00
4 C	Vinyl Chloride	1.146	1.187	-3.6#	83	0.00
5 T	Bromomethane	0.737	0.788	-6.9	86	0.00
6 T	Chloroethane	0.758	0.813	-7.3	87	0.00
7 T	Trichlorofluoromethane	1.515	1.633	-7.8	87	0.00
8 T	Diethyl Ether	0.243	0.252	-3.7	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.419	0.403	3.8	79	0.01
10 T	Methyl Iodide	0.578	0.571	1.2	76	0.00
11 T	Tert butyl alcohol	0.035	0.033	5.7	76	-0.02
12 CM	1,1-Dichloroethene	0.419	0.389	7.2#	76	0.00
13 T	Acrolein	0.043	0.023	46.5#	40#	0.00
14 T	Allyl chloride	0.697	0.719	-3.2	82	0.00
15 T	Acrylonitrile	0.107	0.130	-21.5#	94	0.00
16 T	Acetone	0.127	0.110	13.4	60	0.00
17 T	Carbon Disulfide	1.523	1.419	6.8	75	0.00
18 T	Methyl Acetate	0.248	0.321	-29.4#	105	0.00
19 T	Methyl tert-butyl Ether	1.085	1.172	-8.0	85	0.00
20 T	Methylene Chloride	0.650	0.611	6.0	85	0.00
21 T	trans-1,2-Dichloroethene	0.522	0.543	-4.0	83	0.00
22 T	Diisopropyl ether	1.423	1.595	-12.1	88	0.00
23 T	Vinyl Acetate	0.846	0.948	-12.1	86	0.00
24 P	1,1-Dichloroethane	0.876	0.935	-6.7	82	0.00
25 T	2-Butanone	0.150	0.167	-11.3	82	0.00
26 T	2,2-Dichloropropane	0.793	0.742	6.4	75	0.00
27 T	cis-1,2-Dichloroethene	0.590	0.655	-11.0	88	0.00
28 T	Bromochloromethane	0.328	0.420	-28.0#	96	0.00
29 T	Tetrahydrofuran	0.088	0.103	-17.0	96	0.00
30 C	Chloroform	0.952	1.028	-8.0#	87	0.00
31 T	Cyclohexane	0.822	0.803	2.3	82	0.00
32 T	1,1,1-Trichloroethane	0.817	0.872	-6.7	84	0.00
33 S	1,2-Dichloroethane-d4	0.487	0.511	-4.9	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.306	0.314	-2.6	83	0.00
36 T	1,1-Dichloropropene	0.457	0.461	-0.9	85	0.00
37 T	Ethyl Acetate	0.207	0.201	2.9	84	0.00
38 T	Carbon Tetrachloride	0.462	0.472	-2.2	86	0.00
39 T	Methylcyclohexane	0.562	0.559	0.5	83	0.00
40 TM	Benzene	1.310	1.370	-4.6	87	0.00
41 T	Methacrylonitrile	0.106	0.112	-5.7	106	0.00
42 TM	1,2-Dichloroethane	0.379	0.392	-3.4	85	0.00
43 T	Isopropyl Acetate	0.383	0.391	-2.1	86	0.00
44 TM	Trichloroethene	0.378	0.368	2.6	80	0.00
45 C	1,2-Dichloropropane	0.321	0.341	-6.2#	88	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.183	0.201	-9.8	89	0.00
47 T	Bromodichloromethane	0.470	0.490	-4.3	86	0.00
48 T	Methyl methacrylate	0.184	0.185	-0.5	89	0.00
49 T	1,4-Dioxane	0.002	0.003	-50.0#	90	0.00
50 S	Toluene-d8	1.240	1.276	-2.9	83	0.00
51 T	4-Methyl-2-Pentanone	0.199	0.218	-9.5	92	0.00
52 CM	Toluene	0.899	0.949	-5.6#	87	0.00
53 T	t-1,3-Dichloropropene	0.459	0.483	-5.2	84	0.00
54 T	cis-1,3-Dichloropropene	0.528	0.549	-4.0	86	0.00
55 T	1,1,2-Trichloroethane	0.258	0.284	-10.1	91	0.00
56 T	Ethyl methacrylate	0.327	0.352	-7.6	88	0.00
57 T	1,3-Dichloropropane	0.441	0.476	-7.9	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.140	0.167	-19.3	96	0.00
59 T	2-Hexanone	0.144	0.154	-6.9	83	0.00
60 T	Dibromochloromethane	0.336	0.365	-8.6	88	0.00
61 T	1,2-Dibromoethane	0.250	0.291	-16.4	92	0.00
62 S	4-Bromofluorobenzene	0.431	0.430	0.2	79	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.341	0.355	-4.1	89	0.00
65 PM	Chlorobenzene	1.004	1.077	-7.3	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.383	-3.5	86	0.00
67 C	Ethyl Benzene	1.811	1.893	-4.5#	87	0.00
68 T	m/p-Xylenes	0.699	0.752	-7.6	88	0.00
69 T	o-Xylene	0.669	0.700	-4.6	87	0.00
70 T	Styrene	1.133	1.254	-10.7	88	0.00
71 P	Bromoform	0.199	0.231	-16.1	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.361	3.335	0.8	85	0.00
74 T	N-amyl acetate	0.724	0.702	3.0	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.585	0.606	-3.6	92	0.00
76 T	1,2,3-Trichloropropane	0.335	0.398	-18.8	99	0.00
77 T	Bromobenzene	0.837	0.877	-4.8	89	0.00
78 T	n-propylbenzene	3.945	4.007	-1.6	87	0.00
79 T	2-Chlorotoluene	2.175	2.203	-1.3	87	0.00
80 T	1,3,5-Trimethylbenzene	2.804	2.814	-0.4	85	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.183	3.2	84	0.00
82 T	4-Chlorotoluene	2.308	2.282	1.1	85	0.00
83 T	tert-Butylbenzene	2.496	2.477	0.8	85	0.00
84 T	1,2,4-Trimethylbenzene	2.891	2.958	-2.3	88	0.00
85 T	sec-Butylbenzene	3.370	3.395	-0.7	86	0.00
86 T	p-Isopropyltoluene	3.189	3.311	-3.8	88	0.00
87 T	1,3-Dichlorobenzene	1.655	1.699	-2.7	88	0.00
88 T	1,4-Dichlorobenzene	1.632	1.690	-3.6	90	0.00
89 T	n-Butylbenzene	2.969	2.970	-0.0	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.574	0.596	-3.8	87	0.00
91 T	1,2-Dichlorobenzene	1.426	1.548	-8.6	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.097	4.0	83	0.00
93 T	1,2,4-Trichlorobenzene	1.100	1.082	1.6	84	0.00
94 T	Hexachlorobutadiene	0.607	0.597	1.6	83	0.00
95 T	Naphthalene	1.849	2.021	-9.3	89	0.00
96 T	1,2,3-Trichlorobenzene	0.949	0.962	-1.4	86	0.00

(#) = Out of Range

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