

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD112519\
 Data File : VD064352.D
 Acq On : 25 Nov 2019 10:50
 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: Nov 26 05:43:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 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	63	0.00
2 T	Dichlorodifluoromethane	0.415	0.341	17.8	51	0.00
3 P	Chloromethane	0.445	0.428	3.8	60	0.00
4 C	Vinyl Chloride	0.476	0.555	-16.6#	71	0.00
5 T	Bromomethane	0.300	0.373	-24.3#	75	0.00
6 T	Chloroethane	0.304	0.380	-25.0#	75	0.00
7 T	Trichlorofluoromethane	0.771	0.967	-25.4#	76	0.00
8 T	Diethyl Ether	0.212	0.208	1.9	60	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.441	0.470	-6.6	67	-0.01
10 T	Methyl Iodide	0.440	0.509	-15.7	60	0.00
11 T	Tert butyl alcohol	0.029	0.025	13.8	53	0.01
12 CM	1,1-Dichloroethene	0.420	0.431	-2.6#	63	0.00
13 T	Acrolein	0.024	0.027	-12.5	58	0.00
14 T	Allyl chloride	0.743	0.712	4.2	57	-0.01
15 T	Acrylonitrile	0.090	0.092	-2.2	63	0.00
16 T	Acetone	0.097	0.112	-15.5	67	0.00
17 T	Carbon Disulfide	1.308	1.209	7.6	55	0.00
18 T	Methyl Acetate	0.272	0.262	3.7	61	0.00
19 T	Methyl tert-butyl Ether	1.003	0.989	1.4	60	0.00
20 T	Methylene Chloride	0.492	0.446	9.3	60	-0.01
21 T	trans-1,2-Dichloroethene	0.476	0.481	-1.1	62	0.00
22 T	Diisopropyl ether	1.378	1.386	-0.6	61	0.00
23 T	Vinyl Acetate	0.768	0.783	-2.0	60	0.00
24 P	1,1-Dichloroethane	0.800	0.827	-3.4	62	0.00
25 T	2-Butanone	0.126	0.127	-0.8	61	0.00
26 T	2,2-Dichloropropane	0.785	0.797	-1.5	62	-0.01
27 T	cis-1,2-Dichloroethene	0.510	0.528	-3.5	63	-0.01
28 T	Bromochloromethane	0.279	0.306	-9.7	63	0.00
29 T	Tetrahydrofuran	0.076	0.073	3.9	59	0.00
30 C	Chloroform	0.819	0.868	-6.0#	64	0.00
31 T	Cyclohexane	0.807	0.770	4.6	62	0.00
32 T	1,1,1-Trichloroethane	0.784	0.821	-4.7	64	0.00
33 S	1,2-Dichloroethane-d4	0.411	0.391	4.9	55	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	62	0.00
35 S	Dibromofluoromethane	0.287	0.290	-1.0	57	0.00
36 T	1,1-Dichloropropene	0.461	0.489	-6.1	63	0.00
37 T	Ethyl Acetate	0.195	0.186	4.6	58	0.00
38 T	Carbon Tetrachloride	0.494	0.544	-10.1	65	0.00
39 T	Methylcyclohexane	0.584	0.605	-3.6	62	0.00
40 TM	Benzene	1.261	1.333	-5.7	62	0.00
41 T	Methacrylonitrile	0.122	0.119	2.5	55	0.00
42 TM	1,2-Dichloroethane	0.379	0.384	-1.3	61	0.00
43 T	Isopropyl Acetate	0.401	0.391	2.5	58	0.00
44 TM	Trichloroethene	0.379	0.400	-5.5	63	0.00
45 C	1,2-Dichloropropane	0.307	0.323	-5.2#	63	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.164	0.174	-6.1	63	0.00
47 T	Bromodichloromethane	0.443	0.475	-7.2	64	0.00
48 T	Methyl methacrylate	0.196	0.177	9.7	55	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	65	0.00
50 S	Toluene-d8	1.083	1.091	-0.7	56	0.00
51 T	4-Methyl-2-Pentanone	0.192	0.192	0.0	60	0.00
52 CM	Toluene	0.829	0.875	-5.5#	63	0.00
53 T	t-1,3-Dichloropropene	0.443	0.448	-1.1	60	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.531	-2.7	61	0.00
55 T	1,1,2-Trichloroethane	0.223	0.236	-5.8	63	0.00
56 T	Ethyl methacrylate	0.312	0.312	0.0	60	0.00
57 T	1,3-Dichloropropane	0.389	0.403	-3.6	62	0.00
58 T	2-Chloroethyl Vinyl ether	0.126	0.119	5.6	56	0.00
59 T	2-Hexanone	0.137	0.142	-3.6	62	0.00
60 T	Dibromochloromethane	0.311	0.324	-4.2	63	0.00
61 T	1,2-Dibromoethane	0.223	0.234	-4.9	62	0.00
62 S	4-Bromofluorobenzene	0.375	0.353	5.9	54	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
64 T	Tetrachloroethene	0.385	0.398	-3.4	61	0.00
65 PM	Chlorobenzene	1.017	1.073	-5.5	63	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.414	-7.0	64	0.00
67 C	Ethyl Benzene	1.839	1.996	-8.5#	65	0.00
68 T	m/p-Xylenes	0.705	0.759	-7.7	63	0.00
69 T	o-Xylene	0.654	0.695	-6.3	63	0.00
70 T	Styrene	1.141	1.223	-7.2	63	0.00
71 P	Bromoform	0.220	0.230	-4.5	62	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	63	0.00
73 T	Isopropylbenzene	3.670	3.880	-5.7	64	0.00
74 T	N-amyl acetate	0.867	0.821	5.3	59	0.00
75 P	1,1,2,2-Tetrachloroethane	0.553	0.568	-2.7	63	0.00
76 T	1,2,3-Trichloropropane	0.403	0.370	8.2	56	0.00
77 T	Bromobenzene	0.892	0.918	-2.9	62	0.00
78 T	n-propylbenzene	4.193	4.557	-8.7	66	0.00
79 T	2-Chlorotoluene	2.367	2.450	-3.5	63	0.00
80 T	1,3,5-Trimethylbenzene	3.016	3.190	-5.8	65	0.00
81 T	trans-1,4-Dichloro-2-butene	0.203	0.199	2.0	60	0.00
82 T	4-Chlorotoluene	2.469	2.557	-3.6	63	0.00
83 T	tert-Butylbenzene	2.659	2.812	-5.8	64	0.00
84 T	1,2,4-Trimethylbenzene	2.977	3.166	-6.3	65	0.00
85 T	sec-Butylbenzene	3.571	3.862	-8.1	65	0.00
86 T	p-Isopropyltoluene	3.395	3.666	-8.0	66	0.00
87 T	1,3-Dichlorobenzene	1.655	1.763	-6.5	66	0.00
88 T	1,4-Dichlorobenzene	1.615	1.720	-6.5	64	0.00
89 T	n-Butylbenzene	3.068	3.327	-8.4	65	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.627	0.677	-8.0	66	0.00
91 T	1,2-Dichlorobenzene	1.401	1.490	-6.4	64	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.090	9.1	57	0.00
93 T	1,2,4-Trichlorobenzene	1.081	1.143	-5.7	64	0.00
94 T	Hexachlorobutadiene	0.698	0.756	-8.3	65	0.00
95 T	Naphthalene	1.771	1.822	-2.9	63	0.00
96 T	1,2,3-Trichlorobenzene	0.919	0.979	-6.5	65	0.00

(#) = Out of Range

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