

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD102319\
 Data File : VD064036.D
 Acq On : 23 Oct 2019 22:25
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 24 07:06:31 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	64	0.00
2 T	Dichlorodifluoromethane	0.355	0.274	22.8#	56	0.00
3 P	Chloromethane	1.086	1.012	6.8	65	0.00
4 C	Vinyl Chloride	1.146	1.173	-2.4#	69	0.00
5 T	Bromomethane	0.737	0.746	-1.2	69	0.00
6 T	Chloroethane	0.758	0.816	-7.7	74	0.00
7 T	Trichlorofluoromethane	1.515	1.669	-10.2	74	0.01
8 T	Diethyl Ether	0.243	0.244	-0.4	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.419	0.347	17.2	58	0.00
10 T	Methyl Iodide	0.578	0.441	23.7#	50#	0.00
11 T	Tert butyl alcohol	0.035	0.034	2.9	65	-0.02
12 CM	1,1-Dichloroethene	0.419	0.319	23.9#	52	0.00
13 T	Acrolein	0.043	0.059	-37.2#	86	0.00
14 T	Allyl chloride	0.697	0.691	0.9	66	0.00
15 T	Acrylonitrile	0.107	0.133	-24.3#	82	0.00
16 T	Acetone	0.127	0.110	13.4	51	0.00
17 T	Carbon Disulfide	1.523	1.159	23.9#	51	0.02
18 T	Methyl Acetate	0.248	0.321	-29.4#	88	0.00
19 T	Methyl tert-butyl Ether	1.085	1.150	-6.0	70	0.00
20 T	Methylene Chloride	0.650	0.556	14.5	65	0.00
21 T	trans-1,2-Dichloroethene	0.522	0.494	5.4	64	0.00
22 T	Diisopropyl ether	1.423	1.627	-14.3	75	0.00
23 T	Vinyl Acetate	0.846	0.983	-16.2	75	0.00
24 P	1,1-Dichloroethane	0.876	0.949	-8.3	70	0.00
25 T	2-Butanone	0.150	0.172	-14.7	71	0.00
26 T	2,2-Dichloropropane	0.793	0.709	10.6	61	0.00
27 T	cis-1,2-Dichloroethene	0.590	0.628	-6.4	71	0.00
28 T	Bromochloromethane	0.328	0.452	-37.8#	87	0.00
29 T	Tetrahydrofuran	0.088	0.103	-17.0	81	0.00
30 C	Chloroform	0.952	1.070	-12.4#	76	0.00
31 T	Cyclohexane	0.822	0.790	3.9	68	0.00
32 T	1,1,1-Trichloroethane	0.817	0.857	-4.9	70	0.00
33 S	1,2-Dichloroethane-d4	0.487	0.555	-14.0	74	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35 S	Dibromofluoromethane	0.306	0.336	-9.8	74	0.01
36 T	1,1-Dichloropropene	0.457	0.451	1.3	69	0.00
37 T	Ethyl Acetate	0.207	0.211	-1.9	74	0.00
38 T	Carbon Tetrachloride	0.462	0.455	1.5	69	0.00
39 T	Methylcyclohexane	0.562	0.533	5.2	66	0.00
40 TM	Benzene	1.310	1.396	-6.6	73	0.00
41 T	Methacrylonitrile	0.106	0.123	-16.0	97	0.00
42 TM	1,2-Dichloroethane	0.379	0.405	-6.9	73	0.00
43 T	Isopropyl Acetate	0.383	0.410	-7.0	75	0.00
44 TM	Trichloroethene	0.378	0.378	0.0	68	0.00
45 C	1,2-Dichloropropane	0.321	0.352	-9.7#	76	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.183	0.208	-13.7	77	0.00
47 T	Bromodichloromethane	0.470	0.510	-8.5	75	0.00
48 T	Methyl methacrylate	0.184	0.185	-0.5	74	0.00
49 T	1,4-Dioxane	0.002	0.003	-50.0#	77	0.00
50 S	Toluene-d8	1.240	1.389	-12.0	75	0.00
51 T	4-Methyl-2-Pentanone	0.199	0.231	-16.1	81	0.00
52 CM	Toluene	0.899	1.008	-12.1#	77	0.00
53 T	t-1,3-Dichloropropene	0.459	0.498	-8.5	72	0.00
54 T	cis-1,3-Dichloropropene	0.528	0.562	-6.4	73	0.00
55 T	1,1,2-Trichloroethane	0.258	0.312	-20.9#	83	0.00
56 T	Ethyl methacrylate	0.327	0.370	-13.1	77	0.00
57 T	1,3-Dichloropropane	0.441	0.517	-17.2	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.140	0.164	-17.1	78	0.00
59 T	2-Hexanone	0.144	0.163	-13.2	73	0.00
60 T	Dibromochloromethane	0.336	0.390	-16.1	78	0.00
61 T	1,2-Dibromoethane	0.250	0.299	-19.6	78	0.01
62 S	4-Bromofluorobenzene	0.431	0.490	-13.7	74	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
64 T	Tetrachloroethene	0.341	0.355	-4.1	77	0.00
65 PM	Chlorobenzene	1.004	1.065	-6.1	75	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.402	-8.6	78	0.00
67 C	Ethyl Benzene	1.811	1.899	-4.9#	76	0.00
68 T	m/p-Xylenes	0.699	0.759	-8.6	77	0.00
69 T	o-Xylene	0.669	0.708	-5.8	76	0.00
70 T	Styrene	1.133	1.245	-9.9	76	0.00
71 P	Bromoform	0.199	0.231	-16.1	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73 T	Isopropylbenzene	3.361	3.165	5.8	74	0.00
74 T	N-amyl acetate	0.724	0.663	8.4	74	0.00
75 P	1,1,2,2-Tetrachloroethane	0.585	0.606	-3.6	84	0.00
76 T	1,2,3-Trichloropropane	0.335	0.336	-0.3	77	0.00
77 T	Bromobenzene	0.837	0.862	-3.0	81	0.00
78 T	n-propylbenzene	3.945	3.852	2.4	77	0.00
79 T	2-Chlorotoluene	2.175	2.110	3.0	77	0.00
80 T	1,3,5-Trimethylbenzene	2.804	2.801	0.1	78	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.171	9.5	72	0.00
82 T	4-Chlorotoluene	2.308	2.233	3.2	76	0.00
83 T	tert-Butylbenzene	2.496	2.490	0.2	79	0.00
84 T	1,2,4-Trimethylbenzene	2.891	2.913	-0.8	80	0.00
85 T	sec-Butylbenzene	3.370	3.339	0.9	77	0.00
86 T	p-Isopropyltoluene	3.189	3.184	0.2	78	0.00
87 T	1,3-Dichlorobenzene	1.655	1.701	-2.8	81	0.00
88 T	1,4-Dichlorobenzene	1.632	1.707	-4.6	83	0.00
89 T	n-Butylbenzene	2.969	2.947	0.7	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.574	0.599	-4.4	80	0.00
91 T	1,2-Dichlorobenzene	1.426	1.480	-3.8	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.092	8.9	72	0.00
93 T	1,2,4-Trichlorobenzene	1.100	1.071	2.6	77	0.00
94 T	Hexachlorobutadiene	0.607	0.604	0.5	77	0.00
95 T	Naphthalene	1.849	2.014	-8.9	82	0.01
96 T	1,2,3-Trichlorobenzene	0.949	0.985	-3.8	80	0.00

(#) = Out of Range

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