

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD082219\
 Data File : VD063752.D
 Acq On : 22 Aug 2019 23:53
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00q/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 23 07:02:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 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	74	-0.02
2 T	Dichlorodifluoromethane	0.605	0.551	8.9	68	-0.02
3 P	Chloromethane	0.473	0.433	8.5	72	-0.01
4 C	Vinyl Chloride	0.469	0.458	2.3#	70	-0.02
5 T	Bromomethane	0.221	0.228	-3.2	70	-0.02
6 T	Chloroethane	0.215	0.227	-5.6	75	-0.02
7 T	Trichlorofluoromethane	0.920	0.861	6.4	66	-0.01
8 T	Diethyl Ether	0.130	0.151	-16.2	85	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.543	0.468	13.8	63	-0.03
10 T	Methyl Iodide	0.769	0.713	7.3	65	-0.03
11 T	Tert butyl alcohol	0.023	0.029	-26.1#	89	-0.03
12 CM	1,1-Dichloroethene	0.404	0.363	10.1#	62	-0.02
13 T	Acrolein	0.023	0.017	26.1#	61	-0.03
14 T	Allyl chloride	0.607	0.623	-2.6	76	-0.02
15 T	Acrylonitrile	0.062	0.077	-24.2#	89	-0.02
16 T	Acetone	0.109	0.112	-2.8	67	-0.02
17 T	Carbon Disulfide	1.275	1.152	9.6	67	-0.02
18 T	Methyl Acetate	0.206	0.247	-19.9	95	-0.02
19 T	Methyl tert-butyl Ether	0.808	0.969	-19.9	86	-0.02
20 T	Methylene Chloride	0.470	0.480	-2.1	79	-0.02
21 T	trans-1,2-Dichloroethene	0.425	0.460	-8.2	75	-0.03
22 T	Diisopropyl ether	1.253	1.405	-12.1	81	-0.02
23 T	Vinyl Acetate	0.729	0.868	-19.1	86	-0.03
24 P	1,1-Dichloroethane	0.777	0.861	-10.8	81	-0.03
25 T	2-Butanone	0.107	0.126	-17.8	84	-0.02
26 T	2,2-Dichloropropane	0.774	0.762	1.6	71	-0.02
27 T	cis-1,2-Dichloroethene	0.465	0.512	-10.1	79	-0.02
28 T	Bromochloromethane	0.315	0.339	-7.6	76	-0.02
29	Tetrahydrofuran	0.050	0.060	-20.0	87	-0.02
30 C	Chloroform	0.966	1.062	-9.9#	81	-0.02
31 T	Cyclohexane	0.483	0.474	1.9	68	-0.02
32 T	1,1,1-Trichloroethane	0.924	0.970	-5.0	75	-0.02
33 S	1,2-Dichloroethane-d4	0.534	0.573	-7.3	69	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	-0.02
35 S	Dibromofluoromethane	0.421	0.467	-10.9	69	-0.02
36 T	1,1-Dichloropropene	0.442	0.475	-7.5	75	-0.02
37 T	Ethyl Acetate	0.185	0.237	-28.1#	90	-0.03
38 T	Carbon Tetrachloride	0.666	0.769	-15.5	75	-0.02
39 T	Methylcyclohexane	0.376	0.367	2.4	65	-0.01
40 TM	Benzene	0.973	1.056	-8.5	74	-0.02
41 T	Methacrylonitrile	0.233	0.296	-27.0#	87	-0.02
42 TM	1,2-Dichloroethane	0.489	0.566	-15.7	80	-0.02
43 T	Isopropyl Acetate	0.248	0.311	-25.4#	88	-0.02
44 TM	Trichloroethene	0.372	0.411	-10.5	81	-0.01
45 C	1,2-Dichloropropane	0.227	0.262	-15.4#	83	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.193	0.228	-18.1	81	-0.01
47 T	Bromodichloromethane	0.496	0.587	-18.3	85	-0.01
48 T	Methyl methacrylate	0.168	0.216	-28.6#	90	-0.01
49 T	1,4-Dioxane	0.001	0.002	-100.0#	81	-0.02
50 S	Toluene-d8	0.926	1.047	-13.1	68	-0.01
51 T	4-Methyl-2-Pentanone	0.170	0.225	-32.4#	97	-0.01
52 CM	Toluene	0.627	0.709	-13.1#	83	-0.02
53 T	t-1,3-Dichloropropene	0.405	0.485	-19.8	83	-0.01
54 T	cis-1,3-Dichloropropene	0.457	0.507	-10.9	76	-0.02
55 T	1,1,2-Trichloroethane	0.212	0.259	-22.2#	88	-0.02
56 T	Ethyl methacrylate	0.230	0.292	-27.0#	87	-0.02
57 T	1,3-Dichloropropane	0.320	0.391	-22.2#	86	-0.02
58 T	2-Chloroethyl Vinyl ether	0.121	0.166	-37.2#	87	-0.01
59 T	2-Hexanone	0.124	0.155	-25.0#	83	-0.01
60 T	Dibromochloromethane	0.385	0.487	-26.5#	88	-0.01
61 T	1,2-Dibromoethane	0.256	0.323	-26.2#	90	-0.01
62 S	4-Bromofluorobenzene	0.420	0.477	-13.6	77	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	-0.01
64 T	Tetrachloroethene	0.386	0.381	1.3	75	-0.02
65 PM	Chlorobenzene	0.937	0.974	-3.9	79	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.412	0.436	-5.8	80	-0.01
67 C	Ethyl Benzene	1.629	1.649	-1.2#	76	-0.01
68 T	m/p-Xylenes	0.572	0.598	-4.5	81	-0.02
69 T	o-Xylene	0.551	0.545	1.1	75	-0.01
70 T	Styrene	0.980	1.000	-2.0	80	0.00
71 P	Bromoform	0.283	0.335	-18.4	88	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	-0.01
73 T	Isopropylbenzene	3.180	3.334	-4.8	76	-0.01
74 T	N-amyl acetate	0.798	0.992	-24.3#	91	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.528	0.630	-19.3	88	-0.01
76 T	1,2,3-Trichloropropane	0.574	0.656	-14.3	85	0.00
77 T	Bromobenzene	0.869	0.951	-9.4	83	-0.01
78 T	n-propylbenzene	3.721	3.898	-4.8	80	-0.01
79 T	2-Chlorotoluene	2.145	2.236	-4.2	80	0.00
80 T	1,3,5-Trimethylbenzene	2.779	2.777	0.1	74	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.154	0.166	-7.8	79	-0.01
82 T	4-Chlorotoluene	2.580	2.652	-2.8	77	-0.01
83 T	tert-Butylbenzene	2.926	3.030	-3.6	77	-0.01
84 T	1,2,4-Trimethylbenzene	2.571	2.735	-6.4	78	-0.01
85 T	sec-Butylbenzene	3.107	3.422	-10.1	87	-0.01
86 T	p-Isopropyltoluene	2.971	3.076	-3.5	75	0.00
87 T	1,3-Dichlorobenzene	1.572	1.409	10.4	68	-0.01
88 T	1,4-Dichlorobenzene	1.508	1.669	-10.7	84	-0.01
89 T	n-Butylbenzene	2.712	2.843	-4.8	82	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.747	0.820	-9.8	83	-0.01
91 T	1,2-Dichlorobenzene	1.334	1.526	-14.4	88	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.106	-7.1	82	-0.01
93 T	1,2,4-Trichlorobenzene	0.982	1.095	-11.5	80	-0.01
94 T	Hexachlorobutadiene	0.748	0.848	-13.4	83	0.00
95 T	Naphthalene	1.487	1.779	-19.6	91	-0.01
96 T	1,2,3-Trichlorobenzene	0.793	0.977	-23.2#	94	-0.01

(#) = Out of Range

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