

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063698.D
 Acq On : 20 Aug 2019 22:19
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 21 03:53:29 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	82	-0.03
2 T	Dichlorodifluoromethane	0.605	0.551	8.9	75	-0.01
3 P	Chloromethane	0.473	0.451	4.7	83	-0.01
4 C	Vinyl Chloride	0.469	0.464	1.1#	79	-0.02
5 T	Bromomethane	0.221	0.219	0.9	75	-0.02
6 T	Chloroethane	0.215	0.197	8.4	72	-0.01
7 T	Trichlorofluoromethane	0.920	0.864	6.1	73	-0.02
8 T	Diethyl Ether	0.130	0.145	-11.5	90	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.543	0.502	7.6	75	-0.02
10 T	Methyl Iodide	0.769	0.755	1.8	76	-0.02
11 T	Tert butyl alcohol	0.023	0.027	-17.4	91	-0.02
12 CM	1,1-Dichloroethene	0.404	0.392	3.0#	74	-0.02
13 T	Acrolein	0.023	0.020	13.0	76	-0.02
14 T	Allyl chloride	0.607	0.622	-2.5	84	-0.02
15 T	Acrylonitrile	0.062	0.067	-8.1	86	-0.03
16 T	Acetone	0.109	0.101	7.3	68	-0.02
17 T	Carbon Disulfide	1.275	1.133	11.1	73	-0.02
18 T	Methyl Acetate	0.206	0.217	-5.3	93	-0.02
19 T	Methyl tert-butyl Ether	0.808	0.941	-16.5	92	-0.02
20 T	Methylene Chloride	0.470	0.441	6.2	81	-0.02
21 T	trans-1,2-Dichloroethene	0.425	0.436	-2.6	79	-0.02
22 T	Diisopropyl ether	1.253	1.364	-8.9	87	-0.02
23 T	Vinyl Acetate	0.729	0.840	-15.2	93	-0.03
24 P	1,1-Dichloroethane	0.777	0.829	-6.7	86	-0.03
25 T	2-Butanone	0.107	0.115	-7.5	84	-0.03
26 T	2,2-Dichloropropane	0.774	0.733	5.3	76	-0.03
27 T	cis-1,2-Dichloroethene	0.465	0.492	-5.8	84	-0.03
28 T	Bromochloromethane	0.315	0.335	-6.3	83	-0.03
29	Tetrahydrofuran	0.050	0.056	-12.0	89	-0.02
30 C	Chloroform	0.966	1.023	-5.9#	86	-0.02
31 T	Cyclohexane	0.483	0.453	6.2	72	-0.02
32 T	1,1,1-Trichloroethane	0.924	0.980	-6.1	84	-0.02
33 S	1,2-Dichloroethane-d4	0.534	0.602	-12.7	80	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	-0.02
35 S	Dibromofluoromethane	0.421	0.476	-13.1	78	-0.02
36 T	1,1-Dichloropropene	0.442	0.442	0.0	76	-0.03
37 T	Ethyl Acetate	0.185	0.219	-18.4	92	-0.03
38 T	Carbon Tetrachloride	0.666	0.744	-11.7	80	-0.03
39 T	Methylcyclohexane	0.376	0.398	-5.9	77	-0.02
40 TM	Benzene	0.973	1.040	-6.9	81	-0.02
41 T	Methacrylonitrile	0.233	0.273	-17.2	89	-0.02
42 TM	1,2-Dichloroethane	0.489	0.555	-13.5	86	-0.03
43 T	Isopropyl Acetate	0.248	0.288	-16.1	90	-0.03
44 TM	Trichloroethene	0.372	0.404	-8.6	88	-0.02
45 C	1,2-Dichloropropane	0.227	0.270	-18.9#	94	-0.02

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.193	0.220	-14.0	86	-0.02
47 T	Bromodichloromethane	0.496	0.580	-16.9	92	-0.02
48 T	Methyl methacrylate	0.168	0.194	-15.5	89	-0.02
49 T	1,4-Dioxane	0.001	0.002	-100.0#	85	-0.03
50 S	Toluene-d8	0.926	0.997	-7.7	72	-0.02
51 T	4-Methyl-2-Pentanone	0.170	0.198	-16.5	94	-0.02
52 CM	Toluene	0.627	0.667	-6.4#	86	-0.03
53 T	t-1,3-Dichloropropene	0.405	0.465	-14.8	88	-0.02
54 T	cis-1,3-Dichloropropene	0.457	0.512	-12.0	85	-0.02
55 T	1,1,2-Trichloroethane	0.212	0.231	-9.0	86	-0.02
56 T	Ethyl methacrylate	0.230	0.275	-19.6	90	-0.03
57 T	1,3-Dichloropropane	0.320	0.367	-14.7	89	-0.02
58 T	2-Chloroethyl Vinyl ether	0.121	0.154	-27.3#	89	-0.02
59 T	2-Hexanone	0.124	0.149	-20.2#	88	-0.02
60 T	Dibromochloromethane	0.385	0.465	-20.8#	92	-0.02
61 T	1,2-Dibromoethane	0.256	0.291	-13.7	90	-0.02
62 S	4-Bromofluorobenzene	0.420	0.449	-6.9	79	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	-0.02
64 T	Tetrachloroethene	0.386	0.386	0.0	78	-0.02
65 PM	Chlorobenzene	0.937	0.979	-4.5	82	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.412	0.455	-10.4	86	-0.02
67 C	Ethyl Benzene	1.629	1.716	-5.3#	82	-0.02
68 T	m/p-Xylenes	0.572	0.611	-6.8	85	-0.02
69 T	o-Xylene	0.551	0.606	-10.0	86	-0.01
70 T	Styrene	0.980	1.038	-5.9	85	-0.01
71 P	Bromoform	0.283	0.332	-17.3	90	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	-0.01
73 T	Isopropylbenzene	3.180	3.366	-5.8	78	-0.01
74 T	N-amyl acetate	0.798	0.935	-17.2	87	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.528	0.640	-21.2#	91	-0.01
76 T	1,2,3-Trichloropropane	0.574	0.663	-15.5	87	-0.01
77 T	Bromobenzene	0.869	0.996	-14.6	89	-0.01
78 T	n-propylbenzene	3.721	4.030	-8.3	84	-0.02
79 T	2-Chlorotoluene	2.145	2.306	-7.5	84	-0.01
80 T	1,3,5-Trimethylbenzene	2.779	2.932	-5.5	80	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.154	0.173	-12.3	84	-0.01
82 T	4-Chlorotoluene	2.580	2.840	-10.1	85	-0.01
83 T	tert-Butylbenzene	2.926	3.214	-9.8	84	-0.01
84 T	1,2,4-Trimethylbenzene	2.571	3.027	-17.7	88	-0.02
85 T	sec-Butylbenzene	3.107	3.597	-15.8	93	-0.01
86 T	p-Isopropyltoluene	2.971	2.794	6.0	70	-0.01
87 T	1,3-Dichlorobenzene	1.572	1.764	-12.2	87	-0.01
88 T	1,4-Dichlorobenzene	1.508	1.639	-8.7	84	-0.01
89 T	n-Butylbenzene	2.712	3.009	-11.0	88	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.747	0.900	-20.5#	93	-0.01
91 T	1,2-Dichlorobenzene	1.334	1.538	-15.3	90	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.117	-18.2	92	-0.02
93 T	1,2,4-Trichlorobenzene	0.982	1.120	-14.1	83	-0.01
94 T	Hexachlorobutadiene	0.748	0.828	-10.7	83	-0.01
95 T	Naphthalene	1.487	1.678	-12.8	87	-0.01
96 T	1,2,3-Trichlorobenzene	0.793	0.958	-20.8#	94	-0.01

(#) = Out of Range

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