

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063478.D
 Acq On : 12 Aug 2019 10:43
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 12 12:11:23 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	114	-0.03
2 T	Dichlorodifluoromethane	0.605	0.555	8.3	106	-0.01
3 P	Chloromethane	0.473	0.432	8.7	111	0.00
4 C	Vinyl Chloride	0.469	0.454	3.2#	108	-0.01
5 T	Bromomethane	0.221	0.214	3.2	103	-0.01
6 T	Chloroethane	0.215	0.235	-9.3	121	-0.01
7 T	Trichlorofluoromethane	0.920	0.923	-0.3	110	-0.01
8 T	Diethyl Ether	0.130	0.125	3.8	110	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.543	0.536	1.3	112	-0.02
10 T	Methyl Iodide	0.769	0.759	1.3	107	-0.02
11 T	Tert butyl alcohol	0.023	0.026	-13.0	124	-0.02
12 CM	1,1-Dichloroethene	0.404	0.394	2.5#	104	-0.01
13 T	Acrolein	0.023	0.028	-21.7#	152#	-0.02
14 T	Allyl chloride	0.607	0.607	0.0	114	-0.02
15 T	Acrylonitrile	0.062	0.062	0.0	111	-0.02
16 T	Acetone	0.109	0.131	-20.2#	123	-0.02
17 T	Carbon Disulfide	1.275	1.231	3.5	111	-0.02
18 T	Methyl Acetate	0.206	0.183	11.2	110	-0.01
19 T	Methyl tert-butyl Ether	0.808	0.885	-9.5	122	-0.02
20 T	Methylene Chloride	0.470	0.390	17.0	100	-0.02
21 T	trans-1,2-Dichloroethene	0.425	0.445	-4.7	113	-0.02
22 T	Diisopropyl ether	1.253	1.181	5.7	106	-0.02
23 T	Vinyl Acetate	0.729	0.732	-0.4	113	-0.03
24 P	1,1-Dichloroethane	0.777	0.735	5.4	107	-0.03
25 T	2-Butanone	0.107	0.115	-7.5	118	-0.03
26 T	2,2-Dichloropropane	0.774	0.826	-6.7	120	-0.03
27 T	cis-1,2-Dichloroethene	0.465	0.446	4.1	107	-0.02
28 T	Bromochloromethane	0.315	0.294	6.7	103	-0.02
29	Tetrahydrofuran	0.050	0.047	6.0	105	-0.02
30 C	Chloroform	0.966	0.926	4.1#	109	-0.02
31 T	Cyclohexane	0.483	0.494	-2.3	111	-0.02
32 T	1,1,1-Trichloroethane	0.924	0.913	1.2	110	-0.02
33 S	1,2-Dichloroethane-d4	0.534	0.525	1.7	98	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	-0.02
35 S	Dibromofluoromethane	0.421	0.442	-5.0	98	-0.02
36 T	1,1-Dichloropropene	0.442	0.476	-7.7	113	-0.02
37 T	Ethyl Acetate	0.185	0.192	-3.8	110	-0.03
38 T	Carbon Tetrachloride	0.666	0.759	-14.0	111	-0.02
39 T	Methylcyclohexane	0.376	0.418	-11.2	111	-0.02
40 TM	Benzene	0.973	0.972	0.1	103	-0.02
41 T	Methacrylonitrile	0.233	0.247	-6.0	110	-0.02
42 TM	1,2-Dichloroethane	0.489	0.517	-5.7	110	-0.02
43 T	Isopropyl Acetate	0.248	0.274	-10.5	117	-0.02
44 TM	Trichloroethene	0.372	0.392	-5.4	117	-0.02
45 C	1,2-Dichloropropane	0.227	0.244	-7.5#	116	-0.02

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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)
46 T	Dibromomethane	0.193	0.192	0.5	102	-0.01
47 T	Bromodichloromethane	0.496	0.521	-5.0	113	-0.02
48 T	Methyl methacrylate	0.168	0.167	0.6	105	-0.01
49 T	1,4-Dioxane	0.001	0.001	0.0	105	-0.03
50 S	Toluene-d8	0.926	0.942	-1.7	92	-0.01
51 T	4-Methyl-2-Pentanone	0.170	0.181	-6.5	118	-0.02
52 CM	Toluene	0.627	0.634	-1.1#	112	-0.02
53 T	t-1,3-Dichloropropene	0.405	0.441	-8.9	113	-0.01
54 T	cis-1,3-Dichloropropene	0.457	0.474	-3.7	107	-0.02
55 T	1,1,2-Trichloroethane	0.212	0.218	-2.8	111	-0.02
56 T	Ethyl methacrylate	0.230	0.242	-5.2	108	-0.02
57 T	1,3-Dichloropropane	0.320	0.338	-5.6	112	-0.02
58 T	2-Chloroethyl Vinyl ether	0.121	0.134	-10.7	106	-0.02
59 T	2-Hexanone	0.124	0.145	-16.9	116	-0.01
60 T	Dibromochloromethane	0.385	0.418	-8.6	114	-0.02
61 T	1,2-Dibromoethane	0.256	0.259	-1.2	109	-0.02
62 S	4-Bromofluorobenzene	0.420	0.452	-7.6	110	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	-0.01
64 T	Tetrachloroethene	0.386	0.416	-7.8	111	-0.02
65 PM	Chlorobenzene	0.937	0.950	-1.4	105	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.412	0.426	-3.4	107	-0.01
67 C	Ethyl Benzene	1.629	1.647	-1.1#	104	-0.02
68 T	m/p-Xylenes	0.572	0.586	-2.4	108	-0.02
69 T	o-Xylene	0.551	0.563	-2.2	105	-0.01
70 T	Styrene	0.980	0.975	0.5	105	-0.01
71 P	Bromoform	0.283	0.309	-9.2	110	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	-0.01
73 T	Isopropylbenzene	3.180	3.400	-6.9	105	-0.01
74 T	N-amyl acetate	0.798	0.872	-9.3	108	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.528	0.580	-9.8	110	-0.01
76 T	1,2,3-Trichloropropane	0.574	0.650	-13.2	113	-0.01
77 T	Bromobenzene	0.869	0.940	-8.2	111	-0.01
78 T	n-propylbenzene	3.721	3.644	2.1	101	-0.01
79 T	2-Chlorotoluene	2.145	2.169	-1.1	105	-0.01
80 T	1,3,5-Trimethylbenzene	2.779	2.947	-6.0	107	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.154	0.174	-13.0	113	-0.01
82 T	4-Chlorotoluene	2.580	2.640	-2.3	104	-0.01
83 T	tert-Butylbenzene	2.926	3.227	-10.3	112	-0.01
84 T	1,2,4-Trimethylbenzene	2.571	2.820	-9.7	109	-0.01
85 T	sec-Butylbenzene	3.107	3.316	-6.7	114	-0.01
86 T	p-Isopropyltoluene	2.971	3.284	-10.5	109	-0.01
87 T	1,3-Dichlorobenzene	1.572	1.689	-7.4	111	-0.01
88 T	1,4-Dichlorobenzene	1.508	1.519	-0.7	103	-0.01
89 T	n-Butylbenzene	2.712	3.001	-10.7	117	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.747	0.815	-9.1	112	-0.01
91 T	1,2-Dichlorobenzene	1.334	1.455	-9.1	113	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.099	0.101	-2.0	106	-0.01
93 T	1,2,4-Trichlorobenzene	0.982	1.067	-8.7	106	-0.01
94 T	Hexachlorobutadiene	0.748	0.744	0.5	99	0.00
95 T	Naphthalene	1.487	1.545	-3.9	107	-0.01
96 T	1,2,3-Trichlorobenzene	0.793	0.860	-8.4	112	-0.01

(#) = Out of Range

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