

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF043019\
 Data File : VF062331.D
 Acq On : 30 Apr 2019 13:23
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: May 01 07:47:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 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	73	-0.02
2 T	Dichlorodifluoromethane	0.594	0.563	5.2	78	0.00
3 P	Chloromethane	0.501	0.407	18.8	67	0.00
4 C	Vinyl Chloride	0.474	0.394	16.9#	69	0.00
5 T	Bromomethane	0.322	0.323	-0.3	78	0.00
6 T	Chloroethane	0.208	0.210	-1.0	77	-0.01
7 T	Trichlorofluoromethane	0.753	0.832	-10.5	88	0.00
8 T	Diethyl Ether	0.136	0.116	14.7	75	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.473	0.488	-3.2	85	-0.01
10 T	Methyl Iodide	0.826	0.803	2.8	79	-0.01
11 T	Tert butyl alcohol	0.024	0.025	-4.2	79	-0.02
12 CM	1,1-Dichloroethene	0.422	0.390	7.6#	72	-0.01
13 T	Acrolein	0.020	0.023	-15.0	71	0.00
14 T	Allyl chloride	0.459	0.470	-2.4	86	0.00
15 T	Acrylonitrile	0.068	0.055	19.1	61	0.00
16 T	Acetone	0.091	0.111	-22.0#	97	0.00
17 T	Carbon Disulfide	1.110	0.958	13.7	70	0.00
18 T	Methyl Acetate	0.193	0.173	10.4	84	-0.01
19 T	Methyl tert-butyl Ether	0.804	0.809	-0.6	76	-0.01
20 T	Methylene Chloride	0.497	0.378	23.9#	77	-0.01
21 T	trans-1,2-Dichloroethene	0.417	0.378	9.4	75	0.00
22 T	Diisopropyl ether	1.236	1.166	5.7	78	-0.01
23 T	Vinyl Acetate	0.548	0.515	6.0	75	-0.01
24 P	1,1-Dichloroethane	0.705	0.721	-2.3	83	-0.01
25 T	2-Butanone	0.144	0.131	9.0	75	-0.02
26 T	2,2-Dichloropropane	0.366	0.385	-5.2	83	0.00
27 T	cis-1,2-Dichloroethene	0.528	0.487	7.8	74	-0.01
28 T	Bromochloromethane	0.297	0.253	14.8	64	-0.01
29 T	Tetrahydrofuran	0.063	0.054	14.3	68	-0.02
30 C	Chloroform	0.886	0.892	-0.7#	80	0.00
31 T	Cyclohexane	0.671	0.563	16.1	66	-0.02
32 T	1,1,1-Trichloroethane	0.695	0.790	-13.7	89	-0.01
33 S	1,2-Dichloroethane-d4	0.405	0.413	-2.0	75	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	-0.01
35 S	Dibromofluoromethane	0.371	0.369	0.5	71	-0.01
36 T	1,1-Dichloropropene	0.461	0.448	2.8	75	-0.02
37 T	Ethyl Acetate	0.194	0.174	10.3	73	-0.02
38 T	Carbon Tetrachloride	0.469	0.511	-9.0	92	-0.01
39 T	Methylcyclohexane	0.538	0.468	13.0	67	-0.01
40 TM	Benzene	1.114	0.984	11.7	71	-0.01
41 T	Methacrylonitrile	0.108	0.095	12.0	67	-0.01
42 TM	1,2-Dichloroethane	0.353	0.402	-13.9	89	-0.01
43 T	Isopropyl Acetate	0.210	0.188	10.5	78	-0.01
44 TM	Trichloroethene	0.377	0.359	4.8	76	-0.01
45 C	1,2-Dichloropropane	0.251	0.232	7.6#	76	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.181	0.190	-5.0	82	-0.01
47 T	Bromodichloromethane	0.427	0.478	-11.9	89	-0.02
48 T	Methyl methacrylate	0.142	0.140	1.4	83	-0.01
49 T	1,4-Dioxane	0.002	0.001	50.0#	68	-0.02
50 S	Toluene-d8	0.906	0.894	1.3	72	-0.01
51 T	4-Methyl-2-Pentanone	0.153	0.143	6.5	78	-0.01
52 CM	Toluene	0.643	0.629	2.2#	80	-0.01
53 T	t-1,3-Dichloropropene	0.314	0.338	-7.6	87	0.00
54 T	cis-1,3-Dichloropropene	0.402	0.415	-3.2	82	-0.02
55 T	1,1,2-Trichloroethane	0.183	0.189	-3.3	84	-0.01
56 T	Ethyl methacrylate	0.201	0.185	8.0	76	-0.01
57 T	1,3-Dichloropropane	0.287	0.280	2.4	80	-0.01
58 T	2-Chloroethyl Vinyl ether	0.061	0.054	11.5	66	0.00
59 T	2-Hexanone	0.106	0.099	6.6	85	-0.01
60 T	Dibromochloromethane	0.296	0.315	-6.4	84	0.00
61 T	1,2-Dibromoethane	0.211	0.217	-2.8	81	-0.01
62 S	4-Bromofluorobenzene	0.373	0.384	-2.9	80	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	-0.01
64 T	Tetrachloroethene	0.418	0.427	-2.2	88	-0.01
65 PM	Chlorobenzene	0.914	0.906	0.9	87	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.430	0.445	-3.5	88	0.00
67 C	Ethyl Benzene	1.588	1.577	0.7#	88	-0.01
68 T	m/p-Xylenes	0.591	0.598	-1.2	89	0.00
69 T	o-Xylene	0.661	0.653	1.2	85	-0.01
70 T	Styrene	0.955	0.951	0.4	88	0.00
71 P	Bromoform	0.242	0.250	-3.3	87	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	-0.01
73 T	Isopropylbenzene	3.426	3.460	-1.0	87	0.00
74 T	N-amyl acetate	0.789	0.653	17.2	82	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.544	0.537	1.3	83	0.00
76 T	1,2,3-Trichloropropane	0.386	0.392	-1.6	90	0.00
77 T	Bromobenzene	0.856	0.840	1.9	86	0.00
78 T	n-propylbenzene	3.605	3.590	0.4	89	-0.01
79 T	2-Chlorotoluene	2.171	2.222	-2.3	90	0.00
80 T	1,3,5-Trimethylbenzene	2.892	2.880	0.4	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.173	0.157	9.2	92	-0.01
82 T	4-Chlorotoluene	2.148	2.172	-1.1	89	-0.02
83 T	tert-Butylbenzene	2.968	3.060	-3.1	92	-0.01
84 T	1,2,4-Trimethylbenzene	2.801	2.782	0.7	91	0.00
85 T	sec-Butylbenzene	3.697	3.747	-1.4	89	0.00
86 T	p-Isopropyltoluene	3.314	3.128	5.6	86	0.00
87 T	1,3-Dichlorobenzene	1.515	1.734	-14.5	108	0.00
88 T	1,4-Dichlorobenzene	1.437	1.424	0.9	90	0.00
89 T	n-Butylbenzene	3.011	2.970	1.4	92	-0.02

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90 T	Hexachloroethane	0.831	0.878	-5.7	90	0.00
91 T	1,2-Dichlorobenzene	1.454	1.457	-0.2	93	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.110	0.118	-7.3	93	-0.01
93 T	1,2,4-Trichlorobenzene	1.278	1.365	-6.8	96	-0.01
94 T	Hexachlorobutadiene	0.919	1.030	-12.1	98	-0.01
95 T	Naphthalene	1.979	1.963	0.8	86	-0.01
96 T	1,2,3-Trichlorobenzene	1.208	1.295	-7.2	95	0.00

(#) = Out of Range

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