

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF030519\
 Data File : VF061843.D
 Acq On : 5 Mar 2019 13:49
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 06 05:54:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	99	-0.01
2 T	Dichlorodifluoromethane	0.614	0.605	1.5	98	0.00
3 P	Chloromethane	0.595	0.591	0.7	100	0.00
4 C	Vinyl Chloride	0.565	0.575	-1.8#	100	0.00
5 T	Bromomethane	0.385	0.417	-8.3	104	-0.01
6 T	Chloroethane	0.268	0.276	-3.0	98	0.00
7 T	Trichlorofluoromethane	0.690	0.747	-8.3	104	-0.01
8 T	Diethyl Ether	0.157	0.159	-1.3	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.468	0.489	-4.5	105	0.00
10 T	Methyl Iodide	0.891	0.937	-5.2	103	0.00
11 T	Tert butyl alcohol	0.021	0.019	9.5	91	-0.01
12 CM	1,1-Dichloroethene	0.428	0.374	12.6#	86	0.00
13 T	Acrolein	0.026	0.030	-15.4	114	-0.01
14 T	Allyl chloride	0.471	0.483	-2.5	101	0.00
15 T	Acrylonitrile	0.066	0.060	9.1	91	-0.01
16 T	Acetone	0.076	0.083	-9.2	109	0.00
17 T	Carbon Disulfide	1.331	1.412	-6.1	101	-0.01
18 T	Methyl Acetate	0.192	0.162	15.6	101	-0.01
19 T	Methyl tert-butyl Ether	0.723	0.732	-1.2	97	-0.01
20 T	Methylene Chloride	0.543	0.431	20.6	100	-0.01
21 T	trans-1,2-Dichloroethene	0.402	0.385	4.2	100	-0.01
22 T	Diisopropyl ether	1.225	1.288	-5.1	102	-0.01
23 T	Vinyl Acetate	0.547	0.554	-1.3	98	-0.01
24 P	1,1-Dichloroethane	0.732	0.730	0.3	98	0.00
25 T	2-Butanone	0.155	0.151	2.6	97	-0.01
26 T	2,2-Dichloropropane	0.327	0.335	-2.4	101	-0.01
27 T	cis-1,2-Dichloroethene	0.558	0.607	-8.8	103	-0.01
28 T	Bromochloromethane	0.319	0.307	3.8	101	-0.01
29	Tetrahydrofuran	0.067	0.063	6.0	98	-0.01
30 C	Chloroform	0.837	0.875	-4.5#	100	-0.01
31 T	Cyclohexane	0.767	0.780	-1.7	98	-0.01
32 T	1,1,1-Trichloroethane	0.516	0.499	3.3	95	-0.01
33 S	1,2-Dichloroethane-d4	0.364	0.367	-0.8	102	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	-0.01
35 S	Dibromofluoromethane	0.349	0.363	-4.0	111	-0.01
36 T	1,1-Dichloropropene	0.472	0.483	-2.3	101	-0.01
37 T	Ethyl Acetate	0.198	0.186	6.1	99	-0.01
38 T	Carbon Tetrachloride	0.334	0.333	0.3	94	-0.02
39 T	Methylcyclohexane	0.558	0.590	-5.7	101	-0.01
40 TM	Benzene	1.235	1.268	-2.7	100	-0.01
41 T	Methacrylonitrile	0.109	0.099	9.2	94	-0.01
42 TM	1,2-Dichloroethane	0.308	0.310	-0.6	95	-0.01
43 T	Isopropyl Acetate	0.244	0.229	6.1	90	-0.01
44 TM	Trichloroethene	0.384	0.393	-2.3	99	-0.01
45 C	1,2-Dichloropropane	0.294	0.305	-3.7#	101	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.185	0.184	0.5	100	-0.01
47 T	Bromodichloromethane	0.408	0.411	-0.7	97	-0.01
48 T	Methyl methacrylate	0.155	0.144	7.1	90	-0.01
49 T	1,4-Dioxane	0.001	0.001	0.0	84	0.00
50 S	Toluene-d8	1.037	1.058	-2.0	108	-0.01
51 T	4-Methyl-2-Pentanone	0.169	0.160	5.3	96	-0.01
52 CM	Toluene	0.730	0.750	-2.7#	100	-0.01
53 T	t-1,3-Dichloropropene	0.337	0.335	0.6	98	-0.01
54 T	cis-1,3-Dichloropropene	0.465	0.459	1.3	97	-0.01
55 T	1,1,2-Trichloroethane	0.210	0.197	6.2	94	-0.01
56 T	Ethyl methacrylate	0.237	0.222	6.3	92	-0.01
57 T	1,3-Dichloropropane	0.344	0.339	1.5	92	-0.01
58 T	2-Chloroethyl Vinyl ether	0.038	0.034	10.5	95	-0.02
59 T	2-Hexanone	0.122	0.115	5.7	98	-0.01
60 T	Dibromochloromethane	0.300	0.313	-4.3	102	-0.01
61 T	1,2-Dibromoethane	0.231	0.231	0.0	97	-0.01
62 S	4-Bromofluorobenzene	0.406	0.396	2.5	102	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	-0.01
64 T	Tetrachloroethene	0.384	0.396	-3.1	94	-0.01
65 PM	Chlorobenzene	0.961	1.016	-5.7	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.404	-8.6	104	-0.01
67 C	Ethyl Benzene	1.592	1.722	-8.2#	100	-0.01
68 T	m/p-Xylenes	0.610	0.655	-7.4	106	-0.01
69 T	o-Xylene	0.657	0.687	-4.6	97	-0.01
70 T	Styrene	0.924	0.973	-5.3	100	-0.01
71 P	Bromoform	0.197	0.194	1.5	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.442	3.773	-9.6	100	-0.01
74 T	N-amyl acetate	0.792	0.820	-3.5	95	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.572	0.586	-2.4	95	-0.01
76 T	1,2,3-Trichloropropane	0.390	0.398	-2.1	96	-0.01
77 T	Bromobenzene	0.828	0.874	-5.6	98	0.00
78 T	n-propylbenzene	3.887	4.036	-3.8	95	0.00
79 T	2-Chlorotoluene	2.222	2.384	-7.3	101	0.00
80 T	1,3,5-Trimethylbenzene	2.764	2.928	-5.9	97	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.179	0.199	-11.2	109	0.00
82 T	4-Chlorotoluene	2.273	2.394	-5.3	95	0.00
83 T	tert-Butylbenzene	2.935	3.212	-9.4	98	-0.01
84 T	1,2,4-Trimethylbenzene	2.709	2.929	-8.1	96	0.00
85 T	sec-Butylbenzene	3.819	4.136	-8.3	97	0.00
86 T	p-Isopropyltoluene	3.246	3.589	-10.6	104	0.00
87 T	1,3-Dichlorobenzene	1.573	1.640	-4.3	99	-0.01
88 T	1,4-Dichlorobenzene	1.517	1.600	-5.5	99	-0.01
89 T	n-Butylbenzene	3.102	3.302	-6.4	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.781	0.862	-10.4	97	0.00
91 T	1,2-Dichlorobenzene	1.490	1.577	-5.8	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.091	-3.4	95	0.00
93 T	1,2,4-Trichlorobenzene	1.045	1.120	-7.2	103	-0.01
94 T	Hexachlorobutadiene	0.723	0.742	-2.6	97	0.00
95 T	Naphthalene	1.861	1.888	-1.5	92	0.00
96 T	1,2,3-Trichlorobenzene	0.965	1.055	-9.3	99	0.00

(#) = Out of Range

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