

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF053119\
 Data File : VF062819.D
 Acq On : 31 May 2019 20:02
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 01 01:46:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 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	86	0.00
2 T	Dichlorodifluoromethane	0.649	0.593	8.6	86	0.00
3 P	Chloromethane	0.517	0.546	-5.6	94	0.00
4 C	Vinyl Chloride	0.514	0.514	0.0	87	-0.01
5 T	Bromomethane	0.293	0.320	-9.2	85	-0.01
6 T	Chloroethane	0.192	0.218	-13.5	87	-0.01
7 T	Trichlorofluoromethane	0.728	0.815	-12.0	92	-0.01
8 T	Diethyl Ether	0.143	0.147	-2.8	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.458	0.503	-9.8	94	-0.02
10 T	Methyl Iodide	0.917	1.005	-9.6	94	-0.02
11 T	Tert butyl alcohol	0.021	0.024	-14.3	105	-0.01
12 CM	1,1-Dichloroethene	0.416	0.473	-13.7#	97	-0.01
13 T	Acrolein	0.009	0.010	-11.1	108	-0.01
14 T	Allyl chloride	0.322	0.397	-23.3	91	0.00
15 T	Acrylonitrile	0.079	0.058	26.6#	60	-0.01
16 T	Acetone	0.079	0.076	3.8	76	0.00
17 T	Carbon Disulfide	1.214	1.359	-11.9	95	-0.01
18 T	Methyl Acetate	0.138	0.146	-5.8	92	-0.01
19 T	Methyl tert-butyl Ether	0.753	0.841	-11.7	97	0.00
20 T	Methylene Chloride	0.442	0.471	-6.6	95	-0.01
21 T	trans-1,2-Dichloroethene	0.417	0.493	-18.2	94	0.00
22 T	Diisopropyl ether	0.916	1.027	-12.1	95	0.00
23 T	Vinyl Acetate	0.627	0.687	-9.6	91	0.00
24 P	1,1-Dichloroethane	0.684	0.778	-13.7	93	0.00
25 T	2-Butanone	0.184	0.190	-3.3	90	0.00
26 T	2,2-Dichloropropane	0.388	0.442	-13.9	96	-0.01
27 T	cis-1,2-Dichloroethene	0.700	0.771	-10.1	89	-0.01
28 T	Bromochloromethane	0.372	0.440	-18.3	97	-0.01
29	Tetrahydrofuran	0.070	0.085	-21.4	102	-0.01
30 C	Chloroform	0.964	1.049	-8.8#	90	0.00
31 T	Cyclohexane	0.926	1.001	-8.1	88	0.00
32 T	1,1,1-Trichloroethane	0.561	0.704	-25.5#	116	0.00
33 S	1,2-Dichloroethane-d4	0.346	0.406	-17.3	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	-0.01
35 S	Dibromofluoromethane	0.378	0.429	-13.5	92	0.00
36 T	1,1-Dichloropropene	0.460	0.480	-4.3	87	-0.01
37 T	Ethyl Acetate	0.176	0.209	-18.8	99	0.00
38 T	Carbon Tetrachloride	0.311	0.386	-24.1	106	0.00
39 T	Methylcyclohexane	0.573	0.618	-7.9	89	0.00
40 TM	Benzene	1.340	1.399	-4.4	83	0.00
41 T	Methacrylonitrile	0.098	0.106	-8.2	94	0.00
42 TM	1,2-Dichloroethane	0.255	0.283	-11.0	92	0.00
43 T	Isopropyl Acetate	0.232	0.241	-3.9	90	0.00
44 TM	Trichloroethene	0.378	0.397	-5.0	88	0.00
45 C	1,2-Dichloropropane	0.336	0.373	-11.0#	91	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.196	0.214	-9.2	93	0.00
47 T	Bromodichloromethane	0.400	0.428	-7.0	90	-0.01
48 T	Methyl methacrylate	0.120	0.138	-15.0	90	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	105	0.00
50 S	Toluene-d8	0.955	1.049	-9.8	89	0.00
51 T	4-Methyl-2-Pentanone	0.166	0.176	-6.0	92	0.00
52 CM	Toluene	0.722	0.738	-2.2#	85	-0.01
53 T	t-1,3-Dichloropropene	0.331	0.348	-5.1	86	0.00
54 T	cis-1,3-Dichloropropene	0.479	0.510	-6.5	87	0.00
55 T	1,1,2-Trichloroethane	0.216	0.228	-5.6	89	0.00
56 T	Ethyl methacrylate	0.231	0.257	-11.3	92	-0.01
57 T	1,3-Dichloropropane	0.352	0.395	-12.2	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.081	0.084	-3.7	88	0.00
59 T	2-Hexanone	0.118	0.121	-2.5	90	0.00
60 T	Dibromochloromethane	0.267	0.304	-13.9	90	0.00
61 T	1,2-Dibromoethane	0.224	0.238	-6.2	87	0.00
62 S	4-Bromofluorobenzene	0.344	0.390	-13.4	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.384	0.389	-1.3	85	0.00
65 PM	Chlorobenzene	0.966	0.985	-2.0	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.394	-2.3	90	0.00
67 C	Ethyl Benzene	1.657	1.730	-4.4#	92	0.00
68 T	m/p-Xylenes	0.634	0.667	-5.2	92	0.00
69 T	o-Xylene	0.642	0.646	-0.6	84	0.00
70 T	Styrene	0.946	0.993	-5.0	89	0.00
71 P	Bromoform	0.184	0.202	-9.8	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.489	3.347	4.1	86	-0.01
74 T	N-amyl acetate	0.983	0.893	9.2	88	0.00
75 P	1,1,2,2-Tetrachloroethane	0.745	0.734	1.5	90	0.00
76 T	1,2,3-Trichloropropane	0.494	0.470	4.9	90	0.00
77 T	Bromobenzene	0.877	0.843	3.9	90	0.00
78 T	n-propylbenzene	4.212	3.915	7.1	84	0.00
79 T	2-Chlorotoluene	2.410	2.229	7.5	84	0.00
80 T	1,3,5-Trimethylbenzene	2.853	2.729	4.3	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.209	0.216	-3.3	91	0.00
82 T	4-Chlorotoluene	2.369	2.312	2.4	89	0.00
83 T	tert-Butylbenzene	2.827	2.887	-2.1	94	0.00
84 T	1,2,4-Trimethylbenzene	2.705	2.789	-3.1	94	0.00
85 T	sec-Butylbenzene	3.725	3.786	-1.6	89	0.00
86 T	p-Isopropyltoluene	3.101	3.210	-3.5	95	0.00
87 T	1,3-Dichlorobenzene	1.546	1.581	-2.3	98	0.00
88 T	1,4-Dichlorobenzene	1.443	1.463	-1.4	95	0.00
89 T	n-Butylbenzene	3.119	2.990	4.1	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.756	0.793	-4.9	91	0.00
91 T	1,2-Dichlorobenzene	1.359	1.385	-1.9	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.081	0.086	-6.2	96	0.00
93 T	1,2,4-Trichlorobenzene	0.933	0.886	5.0	86	0.00
94 T	Hexachlorobutadiene	0.645	0.633	1.9	86	0.00
95 T	Naphthalene	1.529	1.523	0.4	90	0.00
96 T	1,2,3-Trichlorobenzene	0.852	0.844	0.9	90	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5