

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF052919\
 Data File : VF062774.D
 Acq On : 29 May 2019 10:24
 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 30 08:47:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 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	98	0.00
2 T	Dichlorodifluoromethane	0.680	0.574	15.6	82	0.00
3 P	Chloromethane	0.627	0.482	23.1	71	0.00
4 C	Vinyl Chloride	0.577	0.465	19.4#	72	0.00
5 T	Bromomethane	0.315	0.319	-1.3	93	0.00
6 T	Chloroethane	0.212	0.202	4.7	79	0.03
7 T	Trichlorofluoromethane	0.774	0.771	0.4	88	0.02
8 T	Diethyl Ether	0.153	0.160	-4.6	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.462	6.3	85	0.02
10 T	Methyl Iodide	0.969	0.919	5.2	86	0.03
11 T	Tert butyl alcohol	0.023	0.022	4.3	94	0.00
12 CM	1,1-Dichloroethene	0.449	0.455	-1.3#	92	0.02
13 T	Acrolein	0.024	0.017	29.2#	60	0.00
14 T	Allyl chloride	0.407	0.346	15.0	75	0.00
15 T	Acrylonitrile	0.066	0.122	-84.8#	189#	0.00
16 T	Acetone	0.092	0.104	-13.0	100	0.00
17 T	Carbon Disulfide	1.331	1.193	10.4	78	0.00
18 T	Methyl Acetate	0.144	0.147	-2.1	101	0.00
19 T	Methyl tert-butyl Ether	0.803	0.821	-2.2	92	0.00
20 T	Methylene Chloride	0.459	0.432	5.9	92	0.03
21 T	trans-1,2-Dichloroethene	0.439	0.467	-6.4	97	0.00
22 T	Diisopropyl ether	1.003	0.989	1.4	95	0.00
23 T	Vinyl Acetate	0.676	0.682	-0.9	94	0.00
24 P	1,1-Dichloroethane	0.736	1.069	-45.2#	134	0.00
25 T	2-Butanone	0.196	0.207	-5.6	95	0.00
26 T	2,2-Dichloropropane	0.421	0.442	-5.0	96	0.00
27 T	cis-1,2-Dichloroethene	0.722	0.789	-9.3	102	0.00
28 T	Bromochloromethane	0.413	0.396	4.1	102	0.00
29	Tetrahydrofuran	0.079	0.079	0.0	98	0.00
30 C	Chloroform	1.021	1.047	-2.5#	93	0.00
31 T	Cyclohexane	0.988	0.954	3.4	88	0.00
32 T	1,1,1-Trichloroethane	0.678	0.719	-6.0	95	0.00
33 S	1,2-Dichloroethane-d4	0.353	0.304	13.9	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.383	0.350	8.6	89	0.00
36 T	1,1-Dichloropropene	0.512	0.534	-4.3	92	0.00
37 T	Ethyl Acetate	0.209	0.215	-2.9	100	0.02
38 T	Carbon Tetrachloride	0.385	0.354	8.1	73	0.00
39 T	Methylcyclohexane	0.616	0.684	-11.0	95	0.00
40 TM	Benzene	1.396	1.556	-11.5	101	0.00
41 T	Methacrylonitrile	0.110	0.113	-2.7	93	0.00
42 TM	1,2-Dichloroethane	0.278	0.303	-9.0	94	0.00
43 T	Isopropyl Acetate	0.271	0.252	7.0	90	0.00
44 TM	Trichloroethene	0.392	0.446	-13.8	101	0.02
45 C	1,2-Dichloropropane	0.352	0.402	-14.2#	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.204	0.235	-15.2	104	0.00
47 T	Bromodichloromethane	0.423	0.478	-13.0	100	0.00
48 T	Methyl methacrylate	0.142	0.138	2.8	88	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	89	0.00
50 S	Toluene-d8	0.914	0.828	9.4	89	0.00
51 T	4-Methyl-2-Pentanone	0.185	0.191	-3.2	102	0.00
52 CM	Toluene	0.732	0.871	-19.0#	109	0.00
53 T	t-1,3-Dichloropropene	0.346	0.385	-11.3	99	0.00
54 T	cis-1,3-Dichloropropene	0.484	0.553	-14.3	102	0.00
55 T	1,1,2-Trichloroethane	0.217	0.260	-19.8	113	0.00
56 T	Ethyl methacrylate	0.258	0.264	-2.3	102	0.00
57 T	1,3-Dichloropropane	0.369	0.422	-14.4	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.084	0.089	-6.0	98	0.00
59 T	2-Hexanone	0.135	0.143	-5.9	105	0.00
60 T	Dibromochloromethane	0.282	0.338	-19.9	107	0.00
61 T	1,2-Dibromoethane	0.230	0.267	-16.1	108	0.00
62 S	4-Bromofluorobenzene	0.346	0.332	4.0	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.396	0.437	-10.4	102	0.00
65 PM	Chlorobenzene	0.982	1.129	-15.0	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.456	-15.7	102	0.00
67 C	Ethyl Benzene	1.706	1.917	-12.4#	103	0.00
68 T	m/p-Xylenes	0.641	0.731	-14.0	101	0.00
69 T	o-Xylene	0.660	0.771	-16.8	106	0.00
70 T	Styrene	1.004	1.170	-16.5	106	0.00
71 P	Bromoform	0.197	0.239	-21.3	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.584	4.195	-17.0	108	0.00
74 T	N-amyl acetate	1.106	1.065	3.7	104	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.887	-21.2	111	0.00
76 T	1,2,3-Trichloropropane	0.481	0.549	-14.1	103	0.00
77 T	Bromobenzene	0.891	1.040	-16.7	102	0.00
78 T	n-propylbenzene	4.241	4.885	-15.2	103	0.00
79 T	2-Chlorotoluene	2.390	2.831	-18.5	108	0.00
80 T	1,3,5-Trimethylbenzene	2.873	3.285	-14.3	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.251	-17.3	103	0.00
82 T	4-Chlorotoluene	2.357	2.677	-13.6	100	0.00
83 T	tert-Butylbenzene	2.915	3.444	-18.1	104	0.00
84 T	1,2,4-Trimethylbenzene	2.781	3.170	-14.0	103	0.00
85 T	sec-Butylbenzene	3.912	4.427	-13.2	102	0.00
86 T	p-Isopropyltoluene	3.297	3.756	-13.9	103	0.00
87 T	1,3-Dichlorobenzene	1.612	1.828	-13.4	102	0.00
88 T	1,4-Dichlorobenzene	1.512	1.703	-12.6	101	0.00
89 T	n-Butylbenzene	3.251	3.579	-10.1	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.791	0.943	-19.2	101	0.00
91 T	1,2-Dichlorobenzene	1.437	1.645	-14.5	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.106	-21.8	110	0.00
93 T	1,2,4-Trichlorobenzene	1.028	1.121	-9.0	100	0.00
94 T	Hexachlorobutadiene	0.718	0.813	-13.2	102	0.00
95 T	Naphthalene	1.868	1.878	-0.5	96	0.00
96 T	1,2,3-Trichlorobenzene	0.974	1.026	-5.3	94	0.00

(#) = Out of Range

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