

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF111218\
 Data File : VF060689.D
 Acq On : 12 Nov 2018 14:14
 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: Nov 13 04:27:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 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	84	-0.02
2 T	Dichlorodifluoromethane	0.598	0.612	-2.3	101	0.00
3 P	Chloromethane	0.438	0.462	-5.5	97	0.00
4 C	Vinyl Chloride	0.403	0.428	-6.2#	92	0.00
5 T	Bromomethane	0.226	0.265	-17.3	99	0.00
6 T	Chloroethane	0.167	0.183	-9.6	95	0.00
7 T	Trichlorofluoromethane	0.755	0.939	-24.4	107	0.00
8 T	Diethyl Ether	0.140	0.120	14.3	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.431	0.449	-4.2	91	0.00
10 T	Methyl Iodide	0.710	0.773	-8.9	93	-0.02
11 T	Tert butyl alcohol	0.029	0.023	20.7	76	-0.02
12 CM	1,1-Dichloroethene	0.363	0.365	-0.6#	88	0.00
13 T	Acrolein	0.021	0.012	42.9#	63	0.00
14 T	Allyl chloride	0.593	0.712	-20.1	95	0.00
15 T	Acrylonitrile	0.060	0.051	15.0	74	-0.02
16 T	Acetone	0.119	0.123	-3.4	94	0.00
17 T	Carbon Disulfide	1.023	0.989	3.3	85	-0.02
18 T	Methyl Acetate	0.196	0.207	-5.6	99	0.00
19 T	Methyl tert-butyl Ether	0.849	0.908	-6.9	99	-0.02
20 T	Methylene Chloride	0.450	0.391	13.1	91	-0.07
21 T	trans-1,2-Dichloroethene	0.381	0.425	-11.5	96	0.00
22 T	Diisopropyl ether	1.257	1.278	-1.7	88	-0.02
23 T	Vinyl Acetate	0.755	0.579	23.3	69	-0.02
24 P	1,1-Dichloroethane	0.727	0.838	-15.3	94	0.00
25 T	2-Butanone	0.282	0.187	33.7#	70	-0.03
26 T	2,2-Dichloropropane	0.544	0.629	-15.6	101	-0.02
27 T	cis-1,2-Dichloroethene	0.727	0.687	5.5	80	-0.02
28 T	Bromochloromethane	0.456	0.475	-4.2	87	-0.02
29	Tetrahydrofuran	0.098	0.069	29.6#	69	-0.03
30 C	Chloroform	1.151	1.223	-6.3#	89	0.00
31 T	Cyclohexane	1.004	0.897	10.7	77	0.00
32 T	1,1,1-Trichloroethane	0.804	0.987	-22.8	101	0.00
33 S	1,2-Dichloroethane-d4	0.505	0.572	-13.3	92	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	-0.02
35 S	Dibromofluoromethane	0.386	0.390	-1.0	85	-0.02
36 T	1,1-Dichloropropene	0.551	0.534	3.1	86	-0.02
37 T	Ethyl Acetate	0.264	0.186	29.5#	66	-0.02
38 T	Carbon Tetrachloride	0.470	0.503	-7.0	98	-0.02
39 T	Methylcyclohexane	0.672	0.644	4.2	82	0.00
40 TM	Benzene	1.336	1.220	8.7	80	-0.02
41 T	Methacrylonitrile	0.150	0.114	24.0	71	-0.03
42 TM	1,2-Dichloroethane	0.384	0.403	-4.9	92	-0.03
43 T	Isopropyl Acetate	0.334	0.252	24.6	75	-0.02
44 TM	Trichloroethene	0.402	0.377	6.2	81	0.00
45 C	1,2-Dichloropropane	0.342	0.315	7.9#	84	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.217	0.213	1.8	88	-0.02
47 T	Bromodichloromethane	0.523	0.546	-4.4	94	-0.02
48 T	Methyl methacrylate	0.210	0.181	13.8	83	-0.02
49 T	1,4-Dioxane	0.002	0.002	0.0	70	-0.02
50 S	Toluene-d8	1.144	1.126	1.6	87	-0.02
51 T	4-Methyl-2-Pentanone	0.225	0.180	20.0	78	-0.02
52 CM	Toluene	0.871	0.798	8.4#	84	-0.02
53 T	t-1,3-Dichloropropene	0.455	0.424	6.8	87	-0.02
54 T	cis-1,3-Dichloropropene	0.574	0.554	3.5	85	-0.02
55 T	1,1,2-Trichloroethane	0.253	0.233	7.9	89	-0.02
56 T	Ethyl methacrylate	0.326	0.269	17.5	83	-0.02
57 T	1,3-Dichloropropane	0.444	0.398	10.4	86	-0.02
58 T	2-Chloroethyl Vinyl ether	0.024	0.024	0.0	96	-0.02
59 T	2-Hexanone	0.176	0.130	26.1#	79	-0.02
60 T	Dibromochloromethane	0.354	0.346	2.3	88	-0.02
61 T	1,2-Dibromoethane	0.266	0.244	8.3	85	-0.02
62 S	4-Bromofluorobenzene	0.501	0.511	-2.0	90	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	-0.02
64 T	Tetrachloroethene	0.392	0.381	2.8	87	-0.02
65 PM	Chlorobenzene	1.022	0.995	2.6	90	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.432	0.432	0.0	92	-0.02
67 C	Ethyl Benzene	1.856	1.878	-1.2#	92	-0.02
68 T	m/p-Xylenes	0.699	0.675	3.4	92	-0.02
69 T	o-Xylene	0.763	0.750	1.7	90	-0.02
70 T	Styrene	1.106	1.019	7.9	87	-0.02
71 P	Bromoform	0.223	0.205	8.1	86	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.899	3.801	2.5	95	-0.02
74 T	N-amyl acetate	1.133	0.771	32.0#	76	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.712	0.605	15.0	84	-0.02
76 T	1,2,3-Trichloropropane	0.350	0.293	16.3	86	0.00
77 T	Bromobenzene	0.853	0.774	9.3	91	0.00
78 T	n-propylbenzene	4.562	4.291	5.9	96	0.00
79 T	2-Chlorotoluene	2.606	2.532	2.8	96	-0.02
80 T	1,3,5-Trimethylbenzene	3.214	3.008	6.4	94	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.275	0.234	14.9	89	0.00
82 T	4-Chlorotoluene	2.718	2.544	6.4	97	0.00
83 T	tert-Butylbenzene	3.284	3.213	2.2	96	-0.02
84 T	1,2,4-Trimethylbenzene	3.148	2.984	5.2	95	0.00
85 T	sec-Butylbenzene	4.517	4.343	3.9	95	0.00
86 T	p-Isopropyltoluene	3.720	3.485	6.3	92	0.00
87 T	1,3-Dichlorobenzene	1.675	1.554	7.2	94	-0.02
88 T	1,4-Dichlorobenzene	1.588	1.538	3.1	95	-0.02
89 T	n-Butylbenzene	3.745	3.591	4.1	95	0.00

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90 T	Hexachloroethane	0.946	0.913	3.5	92	-0.02
91 T	1,2-Dichlorobenzene	1.567	1.425	9.1	90	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.124	0.109	12.1	85	-0.02
93 T	1,2,4-Trichlorobenzene	1.064	1.044	1.9	97	-0.02
94 T	Hexachlorobutadiene	0.690	0.723	-4.8	102	-0.02
95 T	Naphthalene	2.130	1.907	10.5	90	-0.02
96 T	1,2,3-Trichlorobenzene	1.005	0.970	3.5	93	-0.02

(#) = Out of Range

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