

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF061918\
 Data File : VF059191.D
 Acq On : 19 Jun 2018 16:01
 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: Jun 20 04:17:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 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	77	0.00
2 T	Dichlorodifluoromethane	0.566	0.553	2.3	77	0.00
3 P	Chloromethane	0.438	0.359	18.0	62	0.00
4 C	Vinyl Chloride	0.395	0.375	5.1#	71	0.00
5 T	Bromomethane	0.230	0.250	-8.7	85	0.00
6 T	Chloroethane	0.164	0.182	-11.0	81	0.00
7 T	Trichlorofluoromethane	0.615	0.683	-11.1	80	0.00
8 T	Diethyl Ether	0.155	0.165	-6.5	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.392	0.344	12.2	67	0.00
10 T	Methyl Iodide	0.686	0.706	-2.9	77	0.00
11 T	Tert butyl alcohol	0.039	0.038	2.6	80	0.01
12 CM	1,1-Dichloroethene	0.329	0.333	-1.2#	74	0.00
13 T	Acrolein	0.034	0.030	11.8	81	0.00
14 T	Allyl chloride	0.647	0.644	0.5	78	0.00
15 T	Acrylonitrile	0.077	0.080	-3.9	73	0.00
16 T	Acetone	0.145	0.174	-20.0	92	0.00
17 T	Carbon Disulfide	0.925	0.871	5.8	70	0.03
18 T	Methyl Acetate	0.249	0.269	-8.0	88	0.00
19 T	Methyl tert-butyl Ether	1.023	1.194	-16.7	89	0.01
20 T	Methylene Chloride	0.347	0.363	-4.6	84	0.03
21 T	trans-1,2-Dichloroethene	0.361	0.365	-1.1	78	0.00
22 T	Diisopropyl ether	1.271	1.372	-7.9	86	0.01
23 T	Vinyl Acetate	0.838	0.978	-16.7	88	0.00
24 P	1,1-Dichloroethane	0.771	0.783	-1.6	81	0.00
25 T	2-Butanone	0.224	0.230	-2.7	85	0.00
26 T	2,2-Dichloropropane	0.559	0.583	-4.3	80	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.527	5.2	72	0.00
28 T	Bromochloromethane	0.347	0.316	8.9	75	0.00
29	Tetrahydrofuran	0.099	0.099	0.0	79	0.00
30 C	Chloroform	1.102	1.155	-4.8#	79	0.00
31 T	Cyclohexane	0.673	0.585	13.1	67	0.00
32 T	1,1,1-Trichloroethane	0.823	0.853	-3.6	79	0.00
33 S	1,2-Dichloroethane-d4	0.606	0.650	-7.3	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.351	0.355	-1.1	73	0.00
36 T	1,1-Dichloropropene	0.485	0.481	0.8	73	0.00
37 T	Ethyl Acetate	0.299	0.328	-9.7	88	0.00
38 T	Carbon Tetrachloride	0.525	0.603	-14.9	82	0.00
39 T	Methylcyclohexane	0.494	0.454	8.1	67	0.00
40 TM	Benzene	1.125	1.076	4.4	73	0.00
41 T	Methacrylonitrile	0.147	0.148	-0.7	78	0.00
42 TM	1,2-Dichloroethane	0.505	0.594	-17.6	87	0.00
43 T	Isopropyl Acetate	0.401	0.416	-3.7	84	0.00
44 TM	Trichloroethene	0.351	0.355	-1.1	78	0.00
45 C	1,2-Dichloropropane	0.324	0.306	5.6#	72	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.244	0.258	-5.7	77	0.00
47 T	Bromodichloromethane	0.555	0.615	-10.8	82	0.00
48 T	Methyl methacrylate	0.247	0.284	-15.0	86	0.00
49 T	1,4-Dioxane	0.002	0.001	50.0#	61	0.00
50 S	Toluene-d8	1.031	0.989	4.1	69	0.00
51 T	4-Methyl-2-Pentanone	0.275	0.280	-1.8	82	0.00
52 CM	Toluene	0.810	0.783	3.3#	74	0.00
53 T	t-1,3-Dichloropropene	0.538	0.576	-7.1	86	0.00
54 T	cis-1,3-Dichloropropene	0.618	0.612	1.0	75	0.00
55 T	1,1,2-Trichloroethane	0.294	0.305	-3.7	77	0.00
56 T	Ethyl methacrylate	0.370	0.379	-2.4	80	0.00
57 T	1,3-Dichloropropane	0.502	0.514	-2.4	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.026	0.027	-3.8	83	0.00
59 T	2-Hexanone	0.217	0.235	-8.3	88	0.00
60 T	Dibromochloromethane	0.422	0.464	-10.0	82	0.00
61 T	1,2-Dibromoethane	0.341	0.367	-7.6	82	0.00
62 S	4-Bromofluorobenzene	0.529	0.493	6.8	72	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.367	0.391	-6.5	76	0.00
65 PM	Chlorobenzene	0.990	1.031	-4.1	75	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.438	-11.2	81	0.00
67 C	Ethyl Benzene	1.720	1.771	-3.0#	73	0.00
68 T	m/p-Xylenes	0.644	0.641	0.5	78	0.00
69 T	o-Xylene	0.696	0.697	-0.1	73	0.00
70 T	Styrene	1.053	1.077	-2.3	75	0.00
71 P	Bromoform	0.267	0.317	-18.7	86	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.462	3.500	-1.1	76	0.00
74 T	N-amyl acetate	1.237	1.204	2.7	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.821	0.793	3.4	76	0.00
76 T	1,2,3-Trichloropropane	0.606	0.619	-2.1	81	0.00
77 T	Bromobenzene	0.871	0.898	-3.1	79	0.00
78 T	n-propylbenzene	4.097	3.981	2.8	74	0.00
79 T	2-Chlorotoluene	2.421	2.383	1.6	76	0.00
80 T	1,3,5-Trimethylbenzene	2.865	2.908	-1.5	76	0.00
81 T	trans-1,4-Dichloro-2-butene	0.393	0.383	2.5	79	0.00
82 T	4-Chlorotoluene	2.577	2.587	-0.4	78	0.00
83 T	tert-Butylbenzene	2.845	2.955	-3.9	77	0.00
84 T	1,2,4-Trimethylbenzene	2.969	3.001	-1.1	74	0.00
85 T	sec-Butylbenzene	3.866	3.820	1.2	74	0.00
86 T	p-Isopropyltoluene	3.175	3.477	-9.5	80	0.00
87 T	1,3-Dichlorobenzene	1.608	1.622	-0.9	78	0.00
88 T	1,4-Dichlorobenzene	1.550	1.634	-5.4	80	0.00
89 T	n-Butylbenzene	3.325	3.258	2.0	72	0.00

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90 T	Hexachloroethane	0.782	0.799	-2.2	76	0.00
91 T	1,2-Dichlorobenzene	1.550	1.565	-1.0	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.161	0.171	-6.2	79	0.00
93 T	1,2,4-Trichlorobenzene	1.084	1.229	-13.4	86	0.00
94 T	Hexachlorobutadiene	0.627	0.710	-13.2	82	0.00
95 T	Naphthalene	2.315	2.593	-12.0	85	0.00
96 T	1,2,3-Trichlorobenzene	1.002	1.163	-16.1	84	0.00

(#) = Out of Range

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