

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031619\
 Data File : VF061978.D
 Acq On : 16 Mar 2019 15:54
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICVVVF031619

Quant Time: Mar 22 03:32:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 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	103	0.00
2 T	Dichlorodifluoromethane	0.533	0.461	13.5	90	0.00
3 P	Chloromethane	0.542	0.485	10.5	97	0.00
4 C	Vinyl Chloride	0.524	0.479	8.6#	97	0.00
5 T	Bromomethane	0.368	0.346	6.0	92	0.00
6 T	Chloroethane	0.270	0.249	7.8	92	0.00
7 T	Trichlorofluoromethane	0.694	0.635	8.5	93	0.01
8 T	Diethyl Ether	0.154	0.160	-3.9	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.447	8.6	98	0.00
10 T	Methyl Iodide	0.856	0.816	4.7	96	0.00
11 T	Tert butyl alcohol	0.022	0.022	0.0	93	0.00
12 CM	1,1-Dichloroethene	0.422	0.394	6.6#	99	0.00
13 T	Acrolein	0.024	0.032	-33.3#	153#	0.00
14 T	Allyl chloride	0.539	0.482	10.6	93	0.00
15 T	Acrylonitrile	0.067	0.066	1.5	99	0.00
16 T	Acetone	0.081	0.091	-12.3	114	0.00
17 T	Carbon Disulfide	1.220	1.124	7.9	97	0.00
18 T	Methyl Acetate	0.183	0.185	-1.1	99	0.00
19 T	Methyl tert-butyl Ether	0.765	0.756	1.2	99	0.00
20 T	Methylene Chloride	0.422	0.399	5.5	103	0.00
21 T	trans-1,2-Dichloroethene	0.440	0.387	12.0	90	0.00
22 T	Diisopropyl ether	1.296	1.216	6.2	93	0.00
23 T	Vinyl Acetate	0.511	0.521	-2.0	101	0.00
24 P	1,1-Dichloroethane	0.753	0.719	4.5	96	0.00
25 T	2-Butanone	0.160	0.158	1.3	102	0.00
26 T	2,2-Dichloropropane	0.355	0.320	9.9	92	0.00
27 T	cis-1,2-Dichloroethene	0.555	0.543	2.2	99	0.00
28 T	Bromochloromethane	0.313	0.303	3.2	96	0.00
29	Tetrahydrofuran	0.070	0.065	7.1	93	0.00
30 C	Chloroform	0.854	0.784	8.2#	96	0.00
31 T	Cyclohexane	0.744	0.689	7.4	94	0.00
32 T	1,1,1-Trichloroethane	0.567	0.533	6.0	96	0.00
33 S	1,2-Dichloroethane-d4	0.360	0.376	-4.4	110	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35 S	Dibromofluoromethane	0.336	0.351	-4.5	112	0.00
36 T	1,1-Dichloropropene	0.452	0.426	5.8	93	0.00
37 T	Ethyl Acetate	0.203	0.190	6.4	94	0.00
38 T	Carbon Tetrachloride	0.330	0.311	5.8	94	0.00
39 T	Methylcyclohexane	0.530	0.463	12.6	84	0.00
40 TM	Benzene	1.196	1.115	6.8	95	0.00
41 T	Methacrylonitrile	0.108	0.106	1.9	100	0.00
42 TM	1,2-Dichloroethane	0.298	0.292	2.0	98	0.00
43 T	Isopropyl Acetate	0.240	0.240	0.0	98	0.00
44 TM	Trichloroethene	0.367	0.339	7.6	93	0.00
45 C	1,2-Dichloropropane	0.283	0.268	5.3#	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.168	0.169	-0.6	95	0.00
47 T	Bromodichloromethane	0.397	0.389	2.0	97	0.00
48 T	Methyl methacrylate	0.155	0.151	2.6	98	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	90	0.00
50 S	Toluene-d8	0.982	1.042	-6.1	110	0.00
51 T	4-Methyl-2-Pentanone	0.170	0.170	0.0	96	0.00
52 CM	Toluene	0.731	0.696	4.8#	98	0.00
53 T	t-1,3-Dichloropropene	0.335	0.338	-0.9	97	0.00
54 T	cis-1,3-Dichloropropene	0.437	0.441	-0.9	98	0.00
55 T	1,1,2-Trichloroethane	0.204	0.202	1.0	98	0.00
56 T	Ethyl methacrylate	0.232	0.231	0.4	98	0.00
57 T	1,3-Dichloropropane	0.340	0.318	6.5	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.042	0.042	0.0	97	0.00
59 T	2-Hexanone	0.123	0.125	-1.6	100	0.00
60 T	Dibromochloromethane	0.283	0.290	-2.5	97	0.00
61 T	1,2-Dibromoethane	0.219	0.220	-0.5	98	0.00
62 S	4-Bromofluorobenzene	0.390	0.408	-4.6	116	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.363	0.342	5.8	93	0.00
65 PM	Chlorobenzene	0.931	0.868	6.8	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.357	1.1	97	0.00
67 C	Ethyl Benzene	1.594	1.481	7.1#	96	0.00
68 T	m/p-Xylenes	0.599	0.561	6.3	97	0.00
69 T	o-Xylene	0.641	0.623	2.8	95	0.00
70 T	Styrene	0.889	0.862	3.0	98	0.00
71 P	Bromoform	0.183	0.187	-2.2	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.454	3.462	-0.2	95	0.00
74 T	N-amyl acetate	0.792	0.823	-3.9	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.570	0.586	-2.8	99	0.00
76 T	1,2,3-Trichloropropane	0.399	0.408	-2.3	98	0.00
77 T	Bromobenzene	0.800	0.781	2.4	96	0.00
78 T	n-propylbenzene	3.972	3.805	4.2	99	0.00
79 T	2-Chlorotoluene	2.242	2.109	5.9	95	0.00
80 T	1,3,5-Trimethylbenzene	2.790	2.726	2.3	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.176	0.209	-18.8	105	0.00
82 T	4-Chlorotoluene	2.267	2.161	4.7	93	0.00
83 T	tert-Butylbenzene	2.918	2.923	-0.2	97	0.00
84 T	1,2,4-Trimethylbenzene	2.795	2.654	5.0	94	0.00
85 T	sec-Butylbenzene	3.943	3.740	5.1	97	0.00
86 T	p-Isopropyltoluene	3.290	3.205	2.6	95	0.00
87 T	1,3-Dichlorobenzene	1.572	1.475	6.2	94	0.00
88 T	1,4-Dichlorobenzene	1.513	1.421	6.1	93	0.00
89 T	n-Butylbenzene	3.091	3.129	-1.2	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.751	0.760	-1.2	95	0.00
91 T	1,2-Dichlorobenzene	1.456	1.467	-0.8	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.091	0.096	-5.5	97	0.00
93 T	1,2,4-Trichlorobenzene	1.014	1.028	-1.4	99	0.00
94 T	Hexachlorobutadiene	0.673	0.659	2.1	93	0.00
95 T	Naphthalene	1.824	1.861	-2.0	95	0.00
96 T	1,2,3-Trichlorobenzene	0.933	0.964	-3.3	97	0.00

(#) = Out of Range

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