

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030419\
 Data File : VF061828.D
 Acq On : 4 Mar 2019 19:24
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICSVF030419

Quant Time: Mar 05 05:33:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:04:51 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	0.614	0.577	6.0	92	0.00
3 P	Chloromethane	0.595	0.555	6.7	93	0.01
4 C	Vinyl Chloride	0.565	0.555	1.8#	95	0.00
5 T	Bromomethane	0.385	0.378	1.8	93	0.01
6 T	Chloroethane	0.268	0.282	-5.2	99	-0.02
7 T	Trichlorofluoromethane	0.690	0.694	-0.6	95	0.01
8 T	Diethyl Ether	0.157	0.151	3.8	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.468	0.495	-5.8	104	-0.02
10 T	Methyl Iodide	0.891	0.898	-0.8	97	-0.02
11 T	Tert butyl alcohol	0.021	0.020	4.8	97	0.00
12 CM	1,1-Dichloroethene	0.428	0.450	-5.1#	103	0.00
13 T	Acrolein	0.026	0.029	-11.5	109	0.00
14 T	Allyl chloride	0.471	0.487	-3.4	100	0.00
15 T	Acrylonitrile	0.066	0.067	-1.5	101	0.00
16 T	Acetone	0.076	0.073	3.9	94	0.00
17 T	Carbon Disulfide	1.331	1.389	-4.4	98	0.02
18 T	Methyl Acetate	0.192	0.162	15.6	100	0.00
19 T	Methyl tert-butyl Ether	0.723	0.780	-7.9	102	0.00
20 T	Methylene Chloride	0.543	0.437	19.5	100	0.00
21 T	trans-1,2-Dichloroethene	0.402	0.446	-10.9	114	0.00
22 T	Diisopropyl ether	1.225	1.297	-5.9	101	0.00
23 T	Vinyl Acetate	0.547	0.597	-9.1	104	0.00
24 P	1,1-Dichloroethane	0.732	0.771	-5.3	102	0.00
25 T	2-Butanone	0.155	0.150	3.2	95	0.00
26 T	2,2-Dichloropropane	0.327	0.346	-5.8	103	0.00
27 T	cis-1,2-Dichloroethene	0.558	0.586	-5.0	98	0.00
28 T	Bromochloromethane	0.319	0.323	-1.3	105	0.00
29	Tetrahydrofuran	0.067	0.066	1.5	100	0.00
30 C	Chloroform	0.837	0.853	-1.9#	96	0.00
31 T	Cyclohexane	0.767	0.779	-1.6	97	0.00
32 T	1,1,1-Trichloroethane	0.516	0.577	-11.8	109	0.00
33 S	1,2-Dichloroethane-d4	0.364	0.370	-1.6	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.349	0.343	1.7	100	0.00
36 T	1,1-Dichloropropene	0.472	0.491	-4.0	98	0.00
37 T	Ethyl Acetate	0.198	0.199	-0.5	101	0.00
38 T	Carbon Tetrachloride	0.334	0.358	-7.2	96	0.00
39 T	Methylcyclohexane	0.558	0.581	-4.1	95	0.00
40 TM	Benzene	1.235	1.274	-3.2	96	0.00
41 T	Methacrylonitrile	0.109	0.111	-1.8	100	0.00
42 TM	1,2-Dichloroethane	0.308	0.321	-4.2	94	0.00
43 T	Isopropyl Acetate	0.244	0.257	-5.3	97	0.00
44 TM	Trichloroethene	0.384	0.381	0.8	92	0.00
45 C	1,2-Dichloropropane	0.294	0.312	-6.1#	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.185	0.200	-8.1	104	0.00
47 T	Bromodichloromethane	0.408	0.428	-4.9	97	0.00
48 T	Methyl methacrylate	0.155	0.155	0.0	92	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	87	0.00
50 S	Toluene-d8	1.037	1.093	-5.4	107	0.00
51 T	4-Methyl-2-Pentanone	0.169	0.176	-4.1	101	0.00
52 CM	Toluene	0.730	0.801	-9.7#	103	0.00
53 T	t-1,3-Dichloropropene	0.337	0.353	-4.7	99	0.00
54 T	cis-1,3-Dichloropropene	0.465	0.474	-1.9	96	0.00
55 T	1,1,2-Trichloroethane	0.210	0.216	-2.9	98	0.00
56 T	Ethyl methacrylate	0.237	0.247	-4.2	98	0.00
57 T	1,3-Dichloropropane	0.344	0.363	-5.5	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.038	0.040	-5.3	109	0.00
59 T	2-Hexanone	0.122	0.125	-2.5	102	0.00
60 T	Dibromochloromethane	0.300	0.324	-8.0	101	0.00
61 T	1,2-Dibromoethane	0.231	0.248	-7.4	99	0.00
62 S	4-Bromofluorobenzene	0.406	0.418	-3.0	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.384	0.414	-7.8	97	0.00
65 PM	Chlorobenzene	0.961	0.998	-3.9	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.398	-7.0	101	0.00
67 C	Ethyl Benzene	1.592	1.729	-8.6#	99	0.00
68 T	m/p-Xylenes	0.610	0.628	-3.0	100	0.00
69 T	o-Xylene	0.657	0.695	-5.8	97	0.00
70 T	Styrene	0.924	0.916	0.9	93	0.00
71 P	Bromoform	0.197	0.203	-3.0	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.442	3.700	-7.5	98	0.00
74 T	N-amyl acetate	0.792	0.863	-9.0	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.572	0.627	-9.6	101	0.00
76 T	1,2,3-Trichloropropane	0.390	0.423	-8.5	101	0.00
77 T	Bromobenzene	0.828	0.880	-6.3	98	0.00
78 T	n-propylbenzene	3.887	4.162	-7.1	97	0.00
79 T	2-Chlorotoluene	2.222	2.423	-9.0	101	0.00
80 T	1,3,5-Trimethylbenzene	2.764	3.004	-8.7	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.179	0.211	-17.9	115	0.00
82 T	4-Chlorotoluene	2.273	2.359	-3.8	93	0.00
83 T	tert-Butylbenzene	2.935	3.253	-10.8	98	0.00
84 T	1,2,4-Trimethylbenzene	2.709	2.812	-3.8	92	0.00
85 T	sec-Butylbenzene	3.819	4.123	-8.0	96	0.00
86 T	p-Isopropyltoluene	3.246	3.494	-7.6	101	0.00
87 T	1,3-Dichlorobenzene	1.573	1.658	-5.4	99	0.00
88 T	1,4-Dichlorobenzene	1.517	1.635	-7.8	100	0.00
89 T	n-Butylbenzene	3.102	3.116	-0.5	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.781	0.852	-9.1	95	0.00
91 T	1,2-Dichlorobenzene	1.490	1.532	-2.8	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.101	-14.8	105	0.00
93 T	1,2,4-Trichlorobenzene	1.045	1.091	-4.4	99	0.00
94 T	Hexachlorobutadiene	0.723	0.759	-5.0	99	0.00
95 T	Naphthalene	1.861	2.064	-10.9	100	0.00
96 T	1,2,3-Trichlorobenzene	0.965	1.039	-7.7	97	0.00

(#) = Out of Range

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