

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062561.D
 Acq On : 14 May 2019 1:15
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: May 14 09:04:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	105	0.03
2 T	Dichlorodifluoromethane	0.579	0.504	13.0	105	0.01
3 P	Chloromethane	0.382	0.348	8.9	113	0.00
4 C	Vinyl Chloride	0.381	0.359	5.8#	112	0.01
5 T	Bromomethane	0.322	0.301	6.5	113	0.00
6 T	Chloroethane	0.191	0.195	-2.1	115	0.01
7 T	Trichlorofluoromethane	0.790	0.818	-3.5	113	0.00
8 T	Diethyl Ether	0.120	0.123	-2.5	122	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.451	0.483	-7.1	119	0.00
10 T	Methyl Iodide	0.743	0.791	-6.5	119	0.01
11 T	Tert butyl alcohol	0.027	0.023	14.8	95	0.00
12 CM	1,1-Dichloroethene	0.383	0.374	2.3#	114	0.01
13 T	Acrolein	0.020	0.016	20.0	102	0.00
14 T	Allyl chloride	0.339	0.508	-49.9#	180#	0.02
15 T	Acrylonitrile	0.051	0.056	-9.8	116	0.01
16 T	Acetone	0.096	0.078	18.8	84	0.01
17 T	Carbon Disulfide	0.836	0.737	11.8	102	0.00
18 T	Methyl Acetate	0.202	0.190	5.9	114	0.01
19 T	Methyl tert-butyl Ether	0.791	0.814	-2.9	111	0.01
20 T	Methylene Chloride	0.346	0.362	-4.6	122	-0.04
21 T	trans-1,2-Dichloroethene	0.365	0.339	7.1	105	0.02
22 T	Diisopropyl ether	1.058	1.120	-5.9	109	0.01
23 T	Vinyl Acetate	0.472	0.473	-0.2	98	0.02
24 P	1,1-Dichloroethane	0.640	0.694	-8.4	112	0.02
25 T	2-Butanone	0.120	0.116	3.3	100	0.01
26 T	2,2-Dichloropropane	0.357	0.408	-14.3	122	0.02
27 T	cis-1,2-Dichloroethene	0.457	0.476	-4.2	112	0.03
28 T	Bromochloromethane	0.290	0.319	-10.0	105	0.03
29 T	Tetrahydrofuran	0.055	0.050	9.1	100	0.03
30 C	Chloroform	0.864	0.919	-6.4#	108	0.03
31 T	Cyclohexane	0.511	0.463	9.4	98	0.02
32 T	1,1,1-Trichloroethane	0.741	0.809	-9.2	113	0.03
33 S	1,2-Dichloroethane-d4	0.473	0.508	-7.4	103	0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.03
35 S	Dibromofluoromethane	0.398	0.423	-6.3	106	0.03
36 T	1,1-Dichloropropene	0.430	0.433	-0.7	109	0.03
37 T	Ethyl Acetate	0.196	0.176	10.2	104	0.02
38 T	Carbon Tetrachloride	0.490	0.528	-7.8	124	0.03
39 T	Methylcyclohexane	0.431	0.424	1.6	103	0.02
40 TM	Benzene	0.946	1.008	-6.6	118	0.03
41 T	Methacrylonitrile	0.103	0.095	7.8	101	0.02
42 TM	1,2-Dichloroethane	0.396	0.426	-7.6	112	0.02
43 T	Isopropyl Acetate	0.195	0.188	3.6	104	0.02
44 TM	Trichloroethene	0.347	0.365	-5.2	112	0.03
45 C	1,2-Dichloropropane	0.214	0.233	-8.9#	114	0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.178	0.188	-5.6	112	0.03
47 T	Bromodichloromethane	0.444	0.483	-8.8	115	0.02
48 T	Methyl methacrylate	0.138	0.128	7.2	96	0.02
49 T	1,4-Dioxane	0.001	0.001	0.0	98	0.02
50 S	Toluene-d8	0.964	1.088	-12.9	114	0.03
51 T	4-Methyl-2-Pentanone	0.148	0.155	-4.7	111	0.02
52 CM	Toluene	0.583	0.611	-4.8#	115	0.03
53 T	t-1,3-Dichloropropene	0.336	0.344	-2.4	107	0.02
54 T	cis-1,3-Dichloropropene	0.391	0.406	-3.8	108	0.02
55 T	1,1,2-Trichloroethane	0.185	0.208	-12.4	118	0.02
56 T	Ethyl methacrylate	0.196	0.196	0.0	109	0.02
57 T	1,3-Dichloropropane	0.280	0.307	-9.6	117	0.02
58 T	2-Chloroethyl Vinyl ether	0.059	0.056	5.1	106	0.02
59 T	2-Hexanone	0.102	0.102	0.0	107	0.02
60 T	Dibromochloromethane	0.303	0.342	-12.9	116	0.02
61 T	1,2-Dibromoethane	0.218	0.232	-6.4	111	0.03
62 S	4-Bromofluorobenzene	0.435	0.466	-7.1	118	0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.03
64 T	Tetrachloroethene	0.406	0.425	-4.7	115	0.02
65 PM	Chlorobenzene	0.827	0.918	-11.0	120	0.02
66 T	1,1,1,2-Tetrachloroethane	0.417	0.456	-9.4	117	0.02
67 C	Ethyl Benzene	1.449	1.585	-9.4#	118	0.02
68 T	m/p-Xylenes	0.534	0.584	-9.4	123	0.02
69 T	o-Xylene	0.578	0.663	-14.7	124	0.01
70 T	Styrene	0.866	0.981	-13.3	124	0.02
71 P	Bromoform	0.229	0.245	-7.0	112	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.01
73 T	Isopropylbenzene	2.964	3.251	-9.7	123	0.01
74 T	N-amyl acetate	0.636	0.651	-2.4	124	0.01
75 P	1,1,2,2-Tetrachloroethane	0.464	0.517	-11.4	124	0.02
76 T	1,2,3-Trichloropropane	0.354	0.388	-9.6	127	0.02
77 T	Bromobenzene	0.778	0.844	-8.5	122	0.01
78 T	n-propylbenzene	3.156	3.408	-8.0	125	0.02
79 T	2-Chlorotoluene	1.962	2.082	-6.1	120	0.01
80 T	1,3,5-Trimethylbenzene	2.598	2.746	-5.7	121	0.01
81 T	trans-1,4-Dichloro-2-butene	0.133	0.141	-6.0	127	0.01
82 T	4-Chlorotoluene	1.938	2.030	-4.7	119	0.01
83 T	tert-Butylbenzene	2.730	2.896	-6.1	119	0.01
84 T	1,2,4-Trimethylbenzene	2.543	2.769	-8.9	123	0.01
85 T	sec-Butylbenzene	3.323	3.637	-9.4	125	0.01
86 T	p-Isopropyltoluene	3.088	3.339	-8.1	124	0.01
87 T	1,3-Dichlorobenzene	1.421	1.473	-3.7	122	0.01
88 T	1,4-Dichlorobenzene	1.371	1.462	-6.6	119	0.01
89 T	n-Butylbenzene	2.747	2.943	-7.1	125	0.01

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90 T	Hexachloroethane	0.771	0.843	-9.3	122	0.01
91 T	1,2-Dichlorobenzene	1.375	1.517	-10.3	127	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.104	0.0	116	0.01
93 T	1,2,4-Trichlorobenzene	1.233	1.271	-3.1	117	0.01
94 T	Hexachlorobutadiene	0.919	0.982	-6.9	120	0.01
95 T	Naphthalene	1.854	2.019	-8.9	120	0.01
96 T	1,2,3-Trichlorobenzene	1.195	1.247	-4.4	116	0.01

(#) = Out of Range

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