

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073018\
 Data File : VF059698.D
 Acq On : 30 Jul 2018 20:27
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 ICSVVF073018

Quant Time: Jul 31 05:37:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:19:18 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	99	0.00
2 T	Dichlorodifluoromethane	0.672	0.496	26.2#	95	0.00
3 P	Chloromethane	0.342	0.297	13.2	106	0.00
4 C	Vinyl Chloride	0.349	0.291	16.6#	101	0.00
5 T	Bromomethane	0.285	0.233	18.2	94	0.00
6 T	Chloroethane	0.218	0.183	16.1	105	0.00
7 T	Trichlorofluoromethane	0.934	0.793	15.1	92	0.00
8 T	Diethyl Ether	0.160	0.139	13.1	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.418	14.5	93	0.00
10 T	Methyl Iodide	0.769	0.684	11.1	103	0.00
11 T	Tert butyl alcohol	0.040	0.039	2.5	118	0.01
12 CM	1,1-Dichloroethene	0.387	0.340	12.1#	106	0.00
13 T	Acrolein	0.017	0.020	-17.6	97	0.00
14 T	Allyl chloride	0.618	0.563	8.9	107	0.00
15 T	Acrylonitrile	0.063	0.061	3.2	119	0.00
16 T	Acetone	0.162	0.142	12.3	96	0.00
17 T	Carbon Disulfide	0.940	0.764	18.7	106	0.00
18 T	Methyl Acetate	0.301	0.247	17.9	110	0.00
19 T	Methyl tert-butyl Ether	1.181	1.078	8.7	100	0.01
20 T	Methylene Chloride	0.453	0.330	27.2#	96	0.00
21 T	trans-1,2-Dichloroethene	0.386	0.325	15.8	107	0.00
22 T	Diisopropyl ether	1.307	1.187	9.2	102	0.00
23 T	Vinyl Acetate	0.672	0.693	-3.1	108	0.00
24 P	1,1-Dichloroethane	0.908	0.826	9.0	104	0.00
25 T	2-Butanone	0.180	0.159	11.7	79	0.00
26 T	2,2-Dichloropropane	0.647	0.554	14.4	93	0.00
27 T	cis-1,2-Dichloroethene	0.486	0.420	13.6	95	0.00
28 T	Bromochloromethane	0.360	0.319	11.4	102	0.00
29	Tetrahydrofuran	0.069	0.066	4.3	108	0.00
30 C	Chloroform	1.282	1.135	11.5#	97	0.00
31 T	Cyclohexane	0.491	0.429	12.6	107	-0.02
32 T	1,1,1-Trichloroethane	0.994	0.866	12.9	98	0.00
33 S	1,2-Dichloroethane-d4	0.899	0.826	8.1	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.519	0.480	7.5	101	0.00
36 T	1,1-Dichloropropene	0.573	0.478	16.6	102	0.00
37 T	Ethyl Acetate	0.288	0.238	17.4	97	0.00
38 T	Carbon Tetrachloride	0.795	0.675	15.1	99	0.00
39 T	Methylcyclohexane	0.433	0.371	14.3	102	0.00
40 TM	Benzene	1.010	0.911	9.8	108	0.00
41 T	Methacrylonitrile	0.141	0.125	11.3	102	0.00
42 TM	1,2-Dichloroethane	0.707	0.638	9.8	101	0.00
43 T	Isopropyl Acetate	0.299	0.275	8.0	107	0.00
44 TM	Trichloroethene	0.389	0.328	15.7	98	0.00
45 C	1,2-Dichloropropane	0.267	0.260	2.6#	106	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.253	0.223	11.9	97	0.00
47 T	Bromodichloromethane	0.689	0.636	7.7	101	0.00
48 T	Methyl methacrylate	0.225	0.208	7.6	102	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	128	0.01
50 S	Toluene-d8	1.211	1.125	7.1	103	0.00
51 T	4-Methyl-2-Pentanone	0.227	0.220	3.1	104	0.00
52 CM	Toluene	0.748	0.632	15.5#	100	0.00
53 T	t-1,3-Dichloropropene	0.598	0.525	12.2	100	0.00
54 T	cis-1,3-Dichloropropene	0.579	0.553	4.5	103	0.00
55 T	1,1,2-Trichloroethane	0.273	0.253	7.3	102	0.00
56 T	Ethyl methacrylate	0.285	0.271	4.9	97	0.00
57 T	1,3-Dichloropropane	0.469	0.440	6.2	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.033	0.028	15.2	101	0.00
59 T	2-Hexanone	0.182	0.176	3.3	107	0.00
60 T	Dibromochloromethane	0.483	0.437	9.5	98	0.00
61 T	1,2-Dibromoethane	0.319	0.293	8.2	103	0.00
62 S	4-Bromofluorobenzene	0.670	0.605	9.7	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.386	0.345	10.6	107	0.00
65 PM	Chlorobenzene	1.000	0.879	12.1	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.467	0.440	5.8	102	0.00
67 C	Ethyl Benzene	1.731	1.572	9.2#	98	0.00
68 T	m/p-Xylenes	0.609	0.558	8.4	103	0.00
69 T	o-Xylene	0.638	0.613	3.9	102	0.00
70 T	Styrene	0.966	0.916	5.2	103	0.00
71 P	Bromoform	0.304	0.286	5.9	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.281	3.063	6.6	98	0.00
74 T	N-amyl acetate	0.828	0.833	-0.6	109	0.00
75 P	1,1,2,2-Tetrachloroethane	0.618	0.603	2.4	103	0.00
76 T	1,2,3-Trichloropropane	0.525	0.482	8.2	101	0.00
77 T	Bromobenzene	0.857	0.778	9.2	99	0.00
78 T	n-propylbenzene	3.814	3.379	11.4	97	0.00
79 T	2-Chlorotoluene	2.372	2.129	10.2	97	0.00
80 T	1,3,5-Trimethylbenzene	2.936	2.645	9.9	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.217	0.214	1.4	105	0.00
82 T	4-Chlorotoluene	2.547	2.245	11.9	98	0.00
83 T	tert-Butylbenzene	2.945	2.701	8.3	96	0.00
84 T	1,2,4-Trimethylbenzene	2.956	2.654	10.2	96	0.00
85 T	sec-Butylbenzene	3.774	3.446	8.7	96	0.00
86 T	p-Isopropyltoluene	3.313	3.057	7.7	99	0.00
87 T	1,3-Dichlorobenzene	1.633	1.448	11.3	98	0.00
88 T	1,4-Dichlorobenzene	1.591	1.416	11.0	98	0.00
89 T	n-Butylbenzene	3.138	2.831	9.8	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.827	0.774	6.4	99	0.00
91 T	1,2-Dichlorobenzene	1.568	1.445	7.8	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.151	0.151	0.0	101	0.00
93 T	1,2,4-Trichlorobenzene	1.228	1.167	5.0	101	0.00
94 T	Hexachlorobutadiene	0.820	0.795	3.0	101	0.00
95 T	Naphthalene	2.156	2.191	-1.6	104	0.00
96 T	1,2,3-Trichlorobenzene	1.192	1.127	5.5	97	0.00

(#) = Out of Range

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