

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007770.D
 Acq On : 21 Dec 2018 01:45
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 21 05:13:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	104	0.00
2 T	Dichlorodifluoromethane	0.444	0.338	23.9#	79	0.00
3 P	Chloromethane	0.273	0.298	-9.2	118	0.00
4 C	Vinyl Chloride	0.347	0.381	-9.8#	119	0.00
5 T	Bromomethane	0.242	0.271	-12.0	126	0.00
6 T	Chloroethane	0.186	0.229	-23.1#	135	0.00
7 T	Trichlorofluoromethane	0.362	0.294	18.8	88	0.00
8 T	Diethyl Ether	0.222	0.230	-3.6	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.448	15.9	91	0.00
10 T	Methyl Iodide	0.847	0.777	8.3	99	0.00
11 T	Tert butyl alcohol	0.037	0.038	-2.7	118	0.00
12 CM	1,1-Dichloroethene	0.493	0.432	12.4#	95	0.00
13 T	Acrolein	0.030	0.026	13.3	103	0.00
14 T	Allyl chloride	0.647	0.637	1.5	108	0.00
15 T	Acrylonitrile	0.095	0.096	-1.1	109	0.00
16 T	Acetone	0.103	0.087	15.5	90	0.00
17 T	Carbon Disulfide	1.527	1.292	15.4	93	0.00
18 T	Methyl Acetate	0.244	0.275	-12.7	116	0.00
19 T	Methyl tert-butyl Ether	0.708	0.812	-14.7	121	0.00
20 T	Methylene Chloride	0.619	0.514	17.0	103	0.00
21 T	trans-1,2-Dichloroethene	0.543	0.495	8.8	101	0.00
22 T	Diisopropyl ether	1.211	1.301	-7.4	114	0.00
23 T	Vinyl Acetate	0.720	0.732	-1.7	108	0.00
24 P	1,1-Dichloroethane	0.891	0.852	4.4	105	0.00
25 T	2-Butanone	0.120	0.118	1.7	106	0.00
26 T	2,2-Dichloropropane	0.652	0.555	14.9	95	0.00
27 T	cis-1,2-Dichloroethene	0.578	0.551	4.7	104	0.00
28 T	Bromochloromethane	0.304	0.332	-9.2	117	0.00
29 T	Tetrahydrofuran	0.072	0.077	-6.9	113	0.00
30 C	Chloroform	1.008	0.934	7.3#	100	0.00
31 T	Cyclohexane	0.816	0.699	14.3	99	0.00
32 T	1,1,1-Trichloroethane	0.918	0.794	13.5	94	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.597	-8.9	118	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35 S	Dibromofluoromethane	0.305	0.323	-5.9	119	0.00
36 T	1,1-Dichloropropene	0.483	0.409	15.3	96	0.00
37 T	Ethyl Acetate	0.167	0.165	1.2	111	0.00
38 T	Carbon Tetrachloride	0.568	0.428	24.6#	85	0.00
39 T	Methylcyclohexane	0.600	0.516	14.0	98	0.00
40 TM	Benzene	1.288	1.163	9.7	103	0.00
41 T	Methacrylonitrile	0.095	0.108	-13.7	124	0.00
42 TM	1,2-Dichloroethane	0.432	0.378	12.5	99	0.00
43 T	Isopropyl Acetate	0.334	0.333	0.3	110	0.00
44 TM	Trichloroethene	0.389	0.338	13.1	100	0.00
45 C	1,2-Dichloropropane	0.286	0.274	4.2#	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.176	0.156	11.4	99	0.00
47 T	Bromodichloromethane	0.462	0.402	13.0	98	0.00
48 T	Methyl methacrylate	0.167	0.168	-0.6	112	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	106	0.00
50 S	Toluene-d8	1.150	1.247	-8.4	121	0.00
51 T	4-Methyl-2-Pentanone	0.158	0.159	-0.6	112	0.00
52 CM	Toluene	0.864	0.798	7.6#	105	0.00
53 T	t-1,3-Dichloropropene	0.460	0.421	8.5	104	0.00
54 T	cis-1,3-Dichloropropene	0.508	0.467	8.1	104	0.00
55 T	1,1,2-Trichloroethane	0.242	0.228	5.8	108	0.00
56 T	Ethyl methacrylate	0.287	0.291	-1.4	109	0.00
57 T	1,3-Dichloropropane	0.403	0.379	6.0	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.131	0.149	-13.7	124	0.00
59 T	2-Hexanone	0.111	0.111	0.0	109	0.00
60 T	Dibromochloromethane	0.321	0.267	16.8	93	0.00
61 T	1,2-Dibromoethane	0.246	0.228	7.3	107	0.00
62 S	4-Bromofluorobenzene	0.444	0.485	-9.2	123	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
64 T	Tetrachloroethene	0.354	0.325	8.2	104	0.00
65 PM	Chlorobenzene	1.082	0.965	10.8	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.337	12.9	98	0.00
67 C	Ethyl Benzene	1.857	1.745	6.0#	106	0.00
68 T	m/p-Xylenes	0.720	0.667	7.4	104	0.00
69 T	o-Xylene	0.675	0.641	5.0	106	0.00
70 T	Styrene	1.110	1.044	5.9	105	0.00
71 P	Bromoform	0.201	0.163	18.9	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	3.779	3.532	6.5	103	0.00
74 T	N-amyl acetate	0.655	0.686	-4.7	113	0.00
75 P	1,1,2,2-Tetrachloroethane	0.567	0.545	3.9	105	0.00
76 T	1,2,3-Trichloropropane	0.386	0.417	-8.0	104	0.00
77 T	Bromobenzene	0.866	0.793	8.4	101	0.00
78 T	n-propylbenzene	4.400	4.042	8.1	101	0.00
79 T	2-Chlorotoluene	2.563	2.420	5.6	105	0.00
80 T	1,3,5-Trimethylbenzene	3.260	3.105	4.8	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.184	0.168	8.7	96	0.00
82 T	4-Chlorotoluene	2.729	2.564	6.0	104	0.00
83 T	tert-Butylbenzene	2.860	2.693	5.8	103	0.00
84 T	1,2,4-Trimethylbenzene	3.290	3.188	3.1	106	0.00
85 T	sec-Butylbenzene	3.942	3.640	7.7	102	0.00
86 T	p-Isopropyltoluene	3.585	3.337	6.9	102	0.00
87 T	1,3-Dichlorobenzene	1.720	1.595	7.3	104	0.00
88 T	1,4-Dichlorobenzene	1.720	1.588	7.7	103	0.00
89 T	n-Butylbenzene	3.287	3.024	8.0	101	0.00

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90 T	Hexachloroethane	0.629	0.489	22.3#	86	0.00
91 T	1,2-Dichlorobenzene	1.540	1.426	7.4	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.101	12.9	91	0.00
93 T	1,2,4-Trichlorobenzene	1.069	1.029	3.7	106	0.00
94 T	Hexachlorobutadiene	0.571	0.517	9.5	101	0.00
95 T	Naphthalene	1.976	2.114	-7.0	113	0.00
96 T	1,2,3-Trichlorobenzene	0.915	0.878	4.0	104	0.00

(#) = Out of Range

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