

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\  
 Data File : VW005840.D  
 Acq On : 04 Oct 2018 06:12  
 Operator : SY/AP  
 Sample : VSTDICV050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW100418

Quant Time: Oct 04 09:16:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W100418S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 04 07:08:57 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	101	0.00
2 T	Dichlorodifluoromethane	0.286	0.292	-2.1	104	0.00
3 P	Chloromethane	0.344	0.355	-3.2	112	0.00
4 C	Vinyl Chloride	0.504	0.510	-1.2#	105	0.00
5 T	Bromomethane	0.351	0.353	-0.6	106	0.00
6 T	Chloroethane	0.308	0.317	-2.9	104	0.00
7 T	Trichlorofluoromethane	0.347	0.368	-6.1	105	0.00
8 T	Diethyl Ether	0.263	0.269	-2.3	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.479	0.471	1.7	101	0.00
10 T	Methyl Iodide	0.778	0.816	-4.9	103	0.00
11 T	Tert butyl alcohol	0.037	0.035	5.4	101	-0.02
12 CM	1,1-Dichloroethene	0.470	0.474	-0.9#	102	0.00
13 T	Acrolein	0.037	0.031	16.2	93	0.00
14 T	Allyl chloride	0.762	0.800	-5.0	103	0.00
15 T	Acrylonitrile	0.111	0.113	-1.8	95	0.00
16 T	Acetone	0.101	0.100	1.0	98	0.00
17 T	Carbon Disulfide	1.485	1.583	-6.6	104	0.00
18 T	Methyl Acetate	0.288	0.285	1.0	95	0.00
19 T	Methyl tert-butyl Ether	0.737	0.804	-9.1	99	0.00
20 T	Methylene Chloride	0.721	0.579	19.7	100	0.00
21 T	trans-1,2-Dichloroethene	0.513	0.547	-6.6	103	0.00
22 T	Diisopropyl ether	1.496	1.616	-8.0	100	0.00
23 T	Vinyl Acetate	0.850	0.910	-7.1	96	0.00
24 P	1,1-Dichloroethane	0.970	0.996	-2.7	101	0.00
25 T	2-Butanone	0.142	0.139	2.1	95	0.00
26 T	2,2-Dichloropropane	0.606	0.598	1.3	102	0.00
27 T	cis-1,2-Dichloroethene	0.571	0.595	-4.2	102	0.00
28 T	Bromochloromethane	0.343	0.311	9.3	93	0.00
29 T	Tetrahydrofuran	0.088	0.089	-1.1	92	0.00
30 C	Chloroform	1.040	1.050	-1.0#	100	0.00
31 T	Cyclohexane	0.830	0.831	-0.1	100	0.00
32 T	1,1,1-Trichloroethane	0.888	0.910	-2.5	103	0.00
33 S	1,2-Dichloroethane-d4	0.607	0.572	5.8	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.328	0.327	0.3	99	0.00
36 T	1,1-Dichloropropene	0.497	0.516	-3.8	100	0.00
37 T	Ethyl Acetate	0.207	0.210	-1.4	93	0.00
38 T	Carbon Tetrachloride	0.554	0.566	-2.2	102	0.00
39 T	Methylcyclohexane	0.560	0.595	-6.2	100	0.00
40 TM	Benzene	1.440	1.460	-1.4	98	0.00
41 T	Methacrylonitrile	0.124	0.138	-11.3	96	0.00
42 TM	1,2-Dichloroethane	0.484	0.484	0.0	95	0.00
43 T	Isopropyl Acetate	0.409	0.416	-1.7	93	0.00
44 TM	Trichloroethene	0.381	0.389	-2.1	101	0.00
45 C	1,2-Dichloropropane	0.341	0.342	-0.3#	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.187	0.181	3.2	93	0.00
47 T	Bromodichloromethane	0.494	0.485	1.8	96	0.00
48 T	Methyl methacrylate	0.198	0.204	-3.0	91	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	96	-0.01
50 S	Toluene-d8	1.301	1.328	-2.1	101	0.00
51 T	4-Methyl-2-Pentanone	0.213	0.215	-0.9	92	0.00
52 CM	Toluene	0.918	0.958	-4.4#	100	0.00
53 T	t-1,3-Dichloropropene	0.482	0.498	-3.3	97	0.00
54 T	cis-1,3-Dichloropropene	0.540	0.559	-3.5	98	0.00
55 T	1,1,2-Trichloroethane	0.269	0.265	1.5	95	0.00
56 T	Ethyl methacrylate	0.323	0.347	-7.4	97	0.00
57 T	1,3-Dichloropropane	0.459	0.466	-1.5	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.133	0.131	1.5	92	0.00
59 T	2-Hexanone	0.142	0.147	-3.5	92	0.00
60 T	Dibromochloromethane	0.336	0.341	-1.5	96	0.00
61 T	1,2-Dibromoethane	0.250	0.256	-2.4	96	0.00
62 S	4-Bromofluorobenzene	0.481	0.494	-2.7	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.390	0.411	-5.4	104	0.00
65 PM	Chlorobenzene	1.093	1.131	-3.5	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.419	-3.5	98	0.00
67 C	Ethyl Benzene	1.872	2.032	-8.5#	101	0.00
68 T	m/p-Xylenes	0.721	0.777	-7.8	99	0.00
69 T	o-Xylene	0.670	0.736	-9.9	101	0.00
70 T	Styrene	1.137	1.243	-9.3	100	0.00
71 P	Bromoform	0.223	0.225	-0.9	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.440	3.775	-9.7	101	0.00
74 T	N-amyl acetate	0.749	0.781	-4.3	93	0.00
75 P	1,1,2,2-Tetrachloroethane	0.590	0.595	-0.8	93	0.00
76 T	1,2,3-Trichloropropane	0.454	0.522	-15.0	114	0.00
77 T	Bromobenzene	0.849	0.885	-4.2	98	0.00
78 T	n-propylbenzene	4.092	4.473	-9.3	100	0.00
79 T	2-Chlorotoluene	2.437	2.642	-8.4	101	0.00
80 T	1,3,5-Trimethylbenzene	2.988	3.273	-9.5	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.185	-2.8	92	0.00
82 T	4-Chlorotoluene	2.569	2.751	-7.1	100	0.00
83 T	tert-Butylbenzene	2.492	2.746	-10.2	100	0.00
84 T	1,2,4-Trimethylbenzene	3.068	3.357	-9.4	98	0.00
85 T	sec-Butylbenzene	3.597	3.859	-7.3	100	0.00
86 T	p-Isopropyltoluene	3.228	3.553	-10.1	99	0.00
87 T	1,3-Dichlorobenzene	1.713	1.794	-4.7	99	0.00
88 T	1,4-Dichlorobenzene	1.710	1.758	-2.8	99	0.00
89 T	n-Butylbenzene	2.973	3.218	-8.2	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.607	0.632	-4.1	101	0.00
91 T	1,2-Dichlorobenzene	1.541	1.603	-4.0	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.114	0.113	0.9	93	0.00
93 T	1,2,4-Trichlorobenzene	1.077	1.148	-6.6	100	0.00
94 T	Hexachlorobutadiene	0.681	0.698	-2.5	100	0.00
95 T	Naphthalene	1.855	2.037	-9.8	96	0.00
96 T	1,2,3-Trichlorobenzene	0.968	1.018	-5.2	97	0.00

(#) = Out of Range

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