

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW090219\  
 Data File : VW012510.D  
 Acq On : 02 Sep 2019 20:02  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC050

Quant Time: Sep 03 08:30:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 26 07:18:31 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	78	0.00
2 T	Dichlorodifluoromethane	0.308	0.286	7.1	66	0.00
3 P	Chloromethane	0.477	0.460	3.6	73	0.00
4 C	Vinyl Chloride	0.584	0.493	15.6#	62	0.00
5 T	Bromomethane	0.296	0.280	5.4	68	0.00
6 T	Chloroethane	0.329	0.319	3.0	70	0.00
7 T	Trichlorofluoromethane	0.293	0.293	0.0	73	0.00
8 T	Diethyl Ether	0.278	0.281	-1.1	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.498	0.493	1.0	72	-0.01
10 T	Methyl Iodide	0.674	0.744	-10.4	80	0.00
11 T	Tert butyl alcohol	0.036	0.041	-13.9	85	0.01
12 CM	1,1-Dichloroethene	0.502	0.505	-0.6#	74	0.00
13 T	Acrolein	0.034	0.009	73.5#	21#	0.00
14 T	Allyl chloride	1.072	1.127	-5.1	76	0.00
15 T	Acrylonitrile	0.138	0.152	-10.1	82	0.00
16 T	Acetone	0.152	0.130	14.5	57	0.00
17 T	Carbon Disulfide	1.516	1.416	6.6	66	0.00
18 T	Methyl Acetate	0.376	0.437	-16.2	89	0.00
19 T	Methyl tert-butyl Ether	0.811	0.996	-22.8#	90	0.00
20 T	Methylene Chloride	0.574	0.586	-2.1	79	0.00
21 T	trans-1,2-Dichloroethene	0.538	0.574	-6.7	78	0.00
22 T	Diisopropyl ether	1.987	2.237	-12.6	83	0.00
23 T	Vinyl Acetate	1.223	1.351	-10.5	78	0.00
24 P	1,1-Dichloroethane	1.082	1.189	-9.9	81	0.00
25 T	2-Butanone	0.206	0.217	-5.3	74	0.00
26 T	2,2-Dichloropropane	0.612	0.644	-5.2	79	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.658	-14.4	83	0.00
28 T	Bromochloromethane	0.472	0.475	-0.6	83	0.00
29 T	Tetrahydrofuran	0.124	0.141	-13.7	82	0.00
30 C	Chloroform	0.990	1.112	-12.3#	84	0.00
31 T	Cyclohexane	1.071	1.013	5.4	72	0.00
32 T	1,1,1-Trichloroethane	0.783	0.877	-12.0	83	0.00
33 S	1,2-Dichloroethane-d4	0.594	0.614	-3.4	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.298	0.314	-5.4	83	0.00
36 T	1,1-Dichloropropene	0.517	0.540	-4.4	78	0.00
37 T	Ethyl Acetate	0.283	0.311	-9.9	82	0.00
38 T	Carbon Tetrachloride	0.447	0.472	-5.6	79	0.00
39 T	Methylcyclohexane	0.580	0.601	-3.6	75	0.00
40 TM	Benzene	1.411	1.527	-8.2	81	0.00
41 T	Methacrylonitrile	0.166	0.207	-24.7#	93	0.00
42 TM	1,2-Dichloroethane	0.442	0.491	-11.1	83	0.00
43 T	Isopropyl Acetate	0.524	0.604	-15.3	86	0.00
44 TM	Trichloroethene	0.343	0.380	-10.8	83	0.00
45 C	1,2-Dichloropropane	0.380	0.410	-7.9#	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.169	0.187	-10.7	83	0.00
47 T	Bromodichloromethane	0.450	0.506	-12.4	83	0.00
48 T	Methyl methacrylate	0.250	0.292	-16.8	84	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	83	0.00
50 S	Toluene-d8	1.210	1.252	-3.5	80	0.00
51 T	4-Methyl-2-Pentanone	0.267	0.307	-15.0	85	0.00
52 CM	Toluene	0.848	0.940	-10.8#	82	0.00
53 T	t-1,3-Dichloropropene	0.458	0.519	-13.3	82	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.622	-12.5	82	0.00
55 T	1,1,2-Trichloroethane	0.239	0.275	-15.1	87	0.00
56 T	Ethyl methacrylate	0.348	0.426	-22.4#	89	0.00
57 T	1,3-Dichloropropane	0.452	0.511	-13.1	85	0.00
58 T	2-Chloroethyl Vinyl ether	0.179	0.192	-7.3	86	0.00
59 T	2-Hexanone	0.189	0.209	-10.6	78	0.00
60 T	Dibromochloromethane	0.266	0.308	-15.8	85	0.00
61 T	1,2-Dibromoethane	0.223	0.257	-15.2	86	0.00
62 S	4-Bromofluorobenzene	0.427	0.450	-5.4	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64 T	Tetrachloroethene	0.324	0.372	-14.8	85	0.00
65 PM	Chlorobenzene	0.985	1.098	-11.5	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.343	0.403	-17.5	87	0.00
67 C	Ethyl Benzene	1.897	2.130	-12.3#	84	0.00
68 T	m/p-Xylenes	0.683	0.760	-11.3	83	0.00
69 T	o-Xylene	0.632	0.731	-15.7	85	0.00
70 T	Styrene	1.094	1.284	-17.4	85	0.00
71 P	Bromoform	0.171	0.204	-19.3	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.747	4.194	-11.9	84	0.00
74 T	N-amyl acetate	1.132	1.307	-15.5	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.687	0.758	-10.3	85	0.00
76 T	1,2,3-Trichloropropane	0.487	0.508	-4.3	81	0.00
77 T	Bromobenzene	0.811	0.920	-13.4	87	0.00
78 T	n-propylbenzene	4.574	4.968	-8.6	82	0.00
79 T	2-Chlorotoluene	2.597	2.855	-9.9	84	0.00
80 T	1,3,5-Trimethylbenzene	3.131	3.493	-11.6	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.241	-8.6	80	0.00
82 T	4-Chlorotoluene	2.719	2.983	-9.7	84	0.00
83 T	tert-Butylbenzene	2.652	3.037	-14.5	87	0.00
84 T	1,2,4-Trimethylbenzene	3.145	3.516	-11.8	85	0.00
85 T	sec-Butylbenzene	3.799	4.175	-9.9	83	0.00
86 T	p-Isopropyltoluene	3.393	3.804	-12.1	84	0.00
87 T	1,3-Dichlorobenzene	1.585	1.757	-10.9	86	0.00
88 T	1,4-Dichlorobenzene	1.574	1.730	-9.9	85	0.00
89 T	n-Butylbenzene	3.374	3.677	-9.0	81	0.00

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90 T	Hexachloroethane	0.595	0.644	-8.2	81	0.00
91 T	1,2-Dichlorobenzene	1.391	1.566	-12.6	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.131	-12.9	89	0.00
93 T	1,2,4-Trichlorobenzene	0.961	1.140	-18.6	88	0.00
94 T	Hexachlorobutadiene	0.635	0.709	-11.7	87	0.00
95 T	Naphthalene	1.683	2.128	-26.4#	90	0.00
96 T	1,2,3-Trichlorobenzene	0.839	0.998	-19.0	88	0.00

(#) = Out of Range

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