

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111319\
 Data File : VW014009.D
 Acq On : 13 Nov 2019 16:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 06:57:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 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	78	0.00
2 T	Dichlorodifluoromethane	0.263	0.253	3.8	88	0.00
3 P	Chloromethane	0.283	0.235	17.0	75	0.00
4 C	Vinyl Chloride	0.428	0.425	0.7#	81	0.00
5 T	Bromomethane	0.281	0.259	7.8	76	-0.02
6 T	Chloroethane	0.259	0.255	1.5	79	0.00
7 T	Trichlorofluoromethane	0.267	0.203	24.0#	61	0.00
8 T	Diethyl Ether	0.216	0.243	-12.5	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.434	0.448	-3.2	82	-0.01
10 T	Methyl Iodide	0.707	0.711	-0.6	79	0.00
11 T	Tert butyl alcohol	0.022	0.038	-72.7#	146	-0.03
12 CM	1,1-Dichloroethene	0.448	0.472	-5.4#	83	0.00
13 T	Acrolein	0.026	0.027	-3.8	84	0.00
14 T	Allyl chloride	0.690	0.611	11.4	70	0.00
15 T	Acrylonitrile	0.088	0.123	-39.8#	115	-0.01
16 T	Acetone	0.080	0.109	-36.3#	102	-0.02
17 T	Carbon Disulfide	1.288	1.253	2.7	76	0.00
18 T	Methyl Acetate	0.218	0.316	-45.0#	124	-0.01
19 T	Methyl tert-butyl Ether	0.538	0.637	-18.4	93	0.00
20 T	Methylene Chloride	0.501	0.489	2.4	86	0.00
21 T	trans-1,2-Dichloroethene	0.483	0.484	-0.2	78	0.00
22 T	Diisopropyl ether	1.258	1.347	-7.1	83	0.00
23 T	Vinyl Acetate	0.730	0.924	-26.6#	98	0.00
24 P	1,1-Dichloroethane	0.797	0.822	-3.1	81	0.00
25 T	2-Butanone	0.114	0.175	-53.5#	123	0.00
26 T	2,2-Dichloropropane	0.461	0.432	6.3	77	0.00
27 T	cis-1,2-Dichloroethene	0.513	0.525	-2.3	80	-0.01
28 T	Bromochloromethane	0.265	0.310	-17.0	79	0.00
29 T	Tetrahydrofuran	0.071	0.113	-59.2#	128	0.00
30 C	Chloroform	0.787	0.802	-1.9#	82	0.00
31 T	Cyclohexane	0.834	0.816	2.2	80	0.00
32 T	1,1,1-Trichloroethane	0.618	0.638	-3.2	82	0.00
33 S	1,2-Dichloroethane-d4	0.375	0.429	-14.4	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.278	0.291	-4.7	77	0.00
36 T	1,1-Dichloropropene	0.466	0.475	-1.9	81	0.00
37 T	Ethyl Acetate	0.178	0.257	-44.4#	121	0.00
38 T	Carbon Tetrachloride	0.419	0.431	-2.9	81	0.00
39 T	Methylcyclohexane	0.601	0.620	-3.2	80	0.00
40 TM	Benzene	1.318	1.338	-1.5	80	0.00
41 T	Methacrylonitrile	0.111	0.143	-28.8#	112	0.00
42 TM	1,2-Dichloroethane	0.332	0.372	-12.0	89	0.00
43 T	Isopropyl Acetate	0.341	0.482	-41.3#	114	0.00
44 TM	Trichloroethene	0.377	0.383	-1.6	80	0.00
45 C	1,2-Dichloropropane	0.315	0.333	-5.7#	83	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.153	0.176	-15.0	91	0.00
47 T	Bromodichloromethane	0.395	0.414	-4.8	82	0.00
48 T	Methyl methacrylate	0.169	0.238	-40.8#	110	0.00
49 T	1,4-Dioxane	0.002	0.004	-100.0#	133	-0.02
50 S	Toluene-d8	1.132	1.195	-5.6	76	0.00
51 T	4-Methyl-2-Pentanone	0.170	0.257	-51.2#	124	0.00
52 CM	Toluene	0.850	0.871	-2.5#	80	0.00
53 T	t-1,3-Dichloropropene	0.400	0.459	-14.8	89	0.00
54 T	cis-1,3-Dichloropropene	0.494	0.532	-7.7	84	0.00
55 T	1,1,2-Trichloroethane	0.228	0.267	-17.1	95	0.00
56 T	Ethyl methacrylate	0.285	0.381	-33.7#	104	0.00
57 T	1,3-Dichloropropane	0.391	0.451	-15.3	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.131	0.180	-37.4#	103	0.00
59 T	2-Hexanone	0.117	0.182	-55.6#	121	0.00
60 T	Dibromochloromethane	0.270	0.308	-14.1	90	0.00
61 T	1,2-Dibromoethane	0.215	0.262	-21.9#	98	0.00
62 S	4-Bromofluorobenzene	0.383	0.417	-8.9	80	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.382	0.378	1.0	80	0.00
65 PM	Chlorobenzene	1.027	1.066	-3.8	83	0.00
66 T	1,1,1,2-Tetrachloroethane	0.359	0.384	-7.0	85	0.00
67 C	Ethyl Benzene	1.853	1.921	-3.7#	82	0.00
68 T	m/p-Xylenes	0.716	0.740	-3.4	82	0.00
69 T	o-Xylene	0.658	0.688	-4.6	82	0.00
70 T	Styrene	1.130	1.206	-6.7	83	0.00
71 P	Bromoform	0.188	0.236	-25.5#	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.591	3.660	-1.9	83	0.00
74 T	N-amyl acetate	0.695	0.972	-39.9#	115	0.00
75 P	1,1,2,2-Tetrachloroethane	0.567	0.729	-28.6#	110	0.00
76 T	1,2,3-Trichloropropane	0.359	0.560	-56.0#	135	0.00
77 T	Bromobenzene	0.858	0.894	-4.2	86	0.00
78 T	n-propylbenzene	4.156	4.260	-2.5	83	0.00
79 T	2-Chlorotoluene	2.336	2.355	-0.8	82	0.00
80 T	1,3,5-Trimethylbenzene	3.031	3.094	-2.1	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.190	0.249	-31.1#	110	0.00
82 T	4-Chlorotoluene	2.452	2.459	-0.3	81	0.00
83 T	tert-Butylbenzene	2.691	2.750	-2.2	83	0.00
84 T	1,2,4-Trimethylbenzene	2.990	3.053	-2.1	82	0.00
85 T	sec-Butylbenzene	3.679	3.777	-2.7	83	0.00
86 T	p-Isopropyltoluene	3.427	3.518	-2.7	83	0.00
87 T	1,3-Dichlorobenzene	1.662	1.701	-2.3	84	0.00
88 T	1,4-Dichlorobenzene	1.651	1.673	-1.3	84	0.00
89 T	n-Butylbenzene	3.094	3.192	-3.2	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.596	0.592	0.7	80	0.00
91 T	1,2-Dichlorobenzene	1.441	1.538	-6.7	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.086	0.124	-44.2#	125	0.00
93 T	1,2,4-Trichlorobenzene	1.049	1.159	-10.5	89	0.00
94 T	Hexachlorobutadiene	0.708	0.742	-4.8	87	0.00
95 T	Naphthalene	1.644	2.353	-43.1#	113	0.00
96 T	1,2,3-Trichlorobenzene	0.904	1.062	-17.5	95	0.00

(#) = Out of Range

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